proteintech®
Antibodies | ELISA kits | Proteins

ANTIBODIES FOR CARDIOVASCULAR RESEARCH

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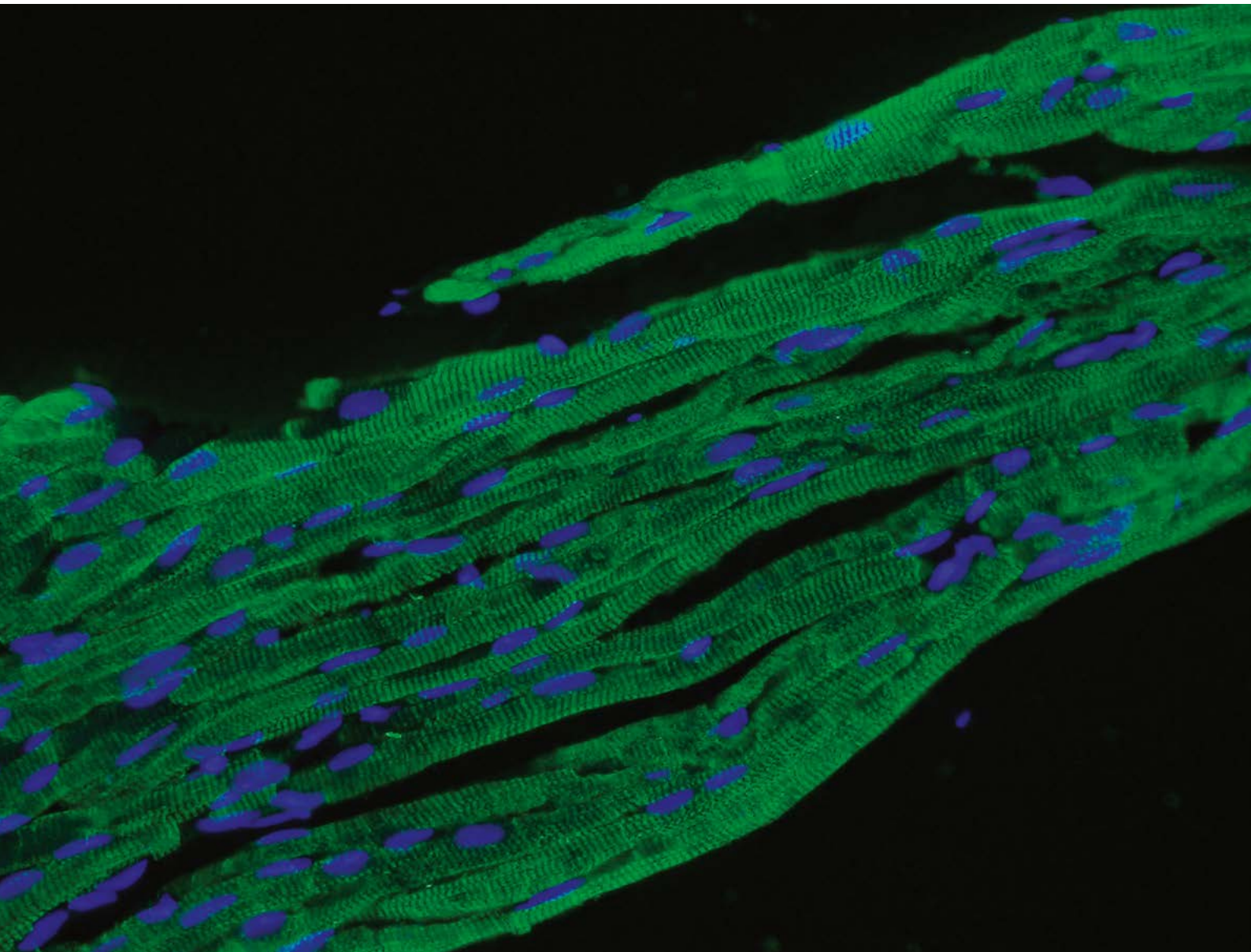

Front Cover:
IF analysis of 4% PFA fixed mouse heart tissue using Cardiac Troponin I antibody (21652-1-AP) at a dilution of 1:50 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L) (40x objective).

WELCOME

Foreword

The cardiovascular system is a general term for the heart and blood vessels. Coronary heart disease, cerebrovascular disease, peripheral arterial disease, rheumatic heart disease, congenital heart disease, or deep vein thrombosis and pulmonary embolism are only a few examples of cardiovascular diseases (CVDs). Since CVDs remain a consistently increasing cause of death worldwide, scientists are prioritizing the identification and understanding of the mechanisms of cellular and molecular basics related to CVDs. In 2012, WHO highlighted that more than 30% of our population die because of CVDs (with the majority due to coronary heart disease and stroke).

About Us

Proteintech® was established in 2001 by a research collective based at the University of Illinois at Chicago. They set out to provide fellow researchers with antibodies made to the highest standards straight from their own laboratory, and would never source a single antibody from any other provider.

Since the first few hundred antibodies, Proteintech® has grown to offer thousands of antibodies against as many individual gene targets, all made at its own laboratory facilities. With one-hundred-percent original products, Proteintech® offers its customers sincerity, integrity, and originality. You can only buy Proteintech® antibodies directly from Proteintech® or via one of its approved distributors – when you receive your antibody and see the Proteintech® logo on the vial, you know you hold a truly unique research reagent.

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- Myosin light chain 2 – Atrial (MYL7/MLC2a) & Ventricular (MYL2/MLC-2v) Cardiomyocytes

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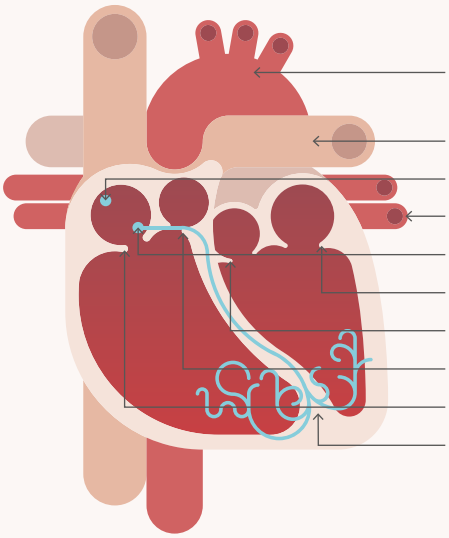
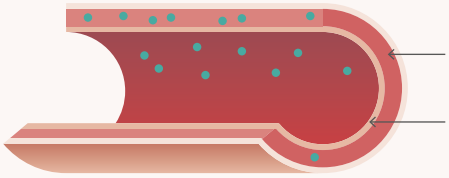
Please Note: All products featured in this catalog are for research use only.

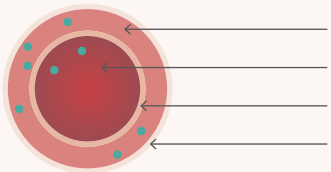
Age-Associated Changes In Cardiovascular Tissues

Age-associated changes in cardiovascular system are leading to deregulation of molecular pathways and pathological alterations (e.g., hypertrophy, altered left ventricular (LV) diastolic function, abnormalities in arterial stiffness or impaired endothelial function). That reflects in significant increase of CVD including atherosclerosis, hypertension or stroke. Inhibition of the mammalian target of rapamycin (mTOR) presents an evidence for being cardioprotective during aging and cardiac stress.

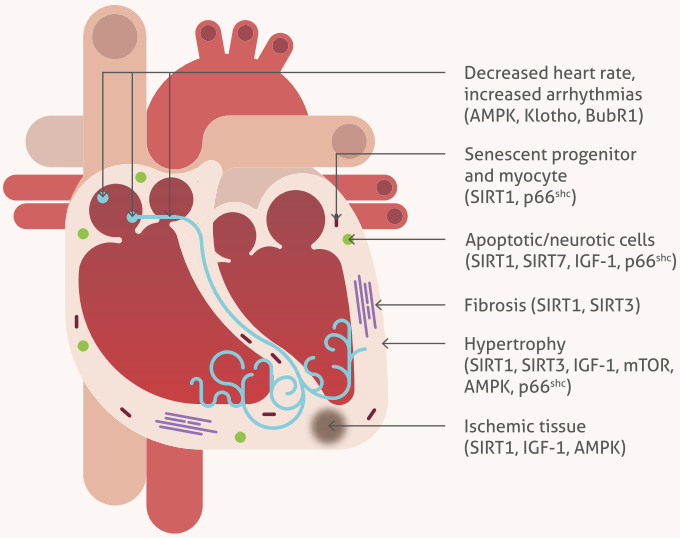
Young Heart

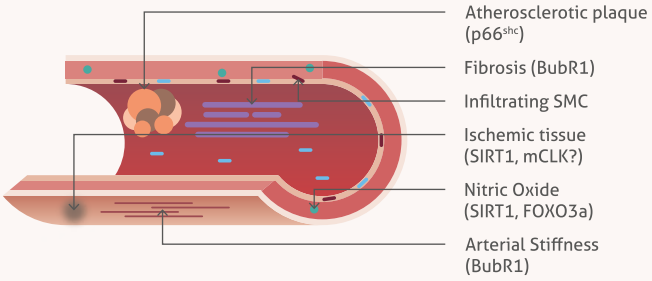


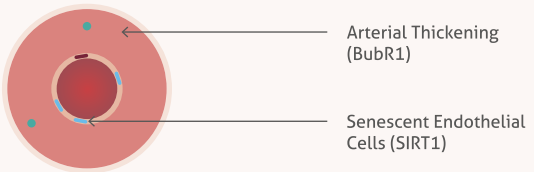




Aging Heart (60+ years)







FOCUS ANTIBODIES

mTOR in Cardiac Physiology and Disease

Focus Antibody
mTOR

Catalog Number
20657-1-AP

Type
Rabbit Polyclonal

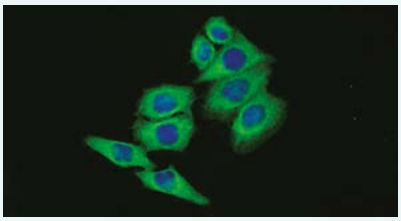
Applications
ELISA, IF, IHC, IP, WB

15 Publications

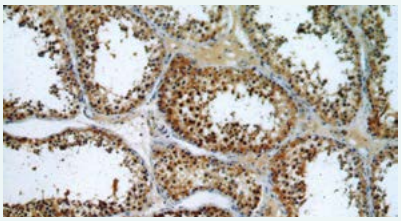
mTOR (Mammalian or Mechanistic Target of Rapamycin) is an atypical serine/threonine kinase that exerts its main cellular functions interacting with specific protein adaptors to form two different complexes: mTORC1 and mTORC2.

The mTOR pathway is a key player in the cardiovascular regulation system. It appears crucial for the maintenance of cardiac structure and function in the postnatal period, adulthood, and also in the development of cardiac hypertrophy. mTOR is also deeply involved in the regulation of cardiac metabolism.

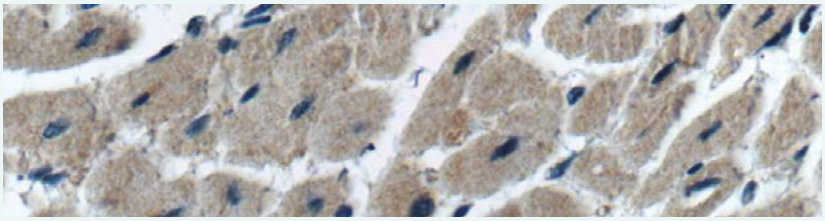
Moreover, the mTOR pathway that partners with Wnt and growth factor signaling are vital for endothelial and cardiomyocyte growth. From the other side, chronic mTOR activation appears to enhance the cardiac aging process.



IF analysis of of HeLa cells labeling mTOR with 20657-1-AP Proteintech® antibody at a dilution of 1:50 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC of paraffin-embedded human testis sample using mTOR antibody (20657-1-AP) at a dilution of 1:50; under 10x.



IHC of paraffin-embedded human heart tissue sample using mTOR antibody (20657-1-AP) at a dilution of 1:200; under 40x.

High-Sensitive Cardiac Troponin T

Focus Antibody
Cardiac Troponin T

Catalog Number
15513-1-AP

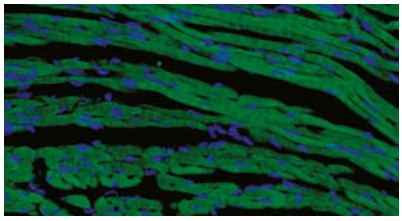
Type
Rabbit Polyclonal

Applications
ELISA, IHC, WB

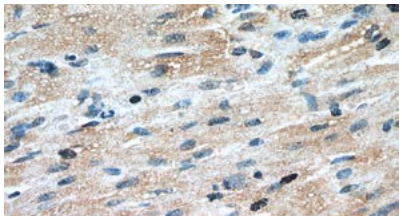
4 Publications

The troponin complex regulates the contraction of striated muscles and consists of three subunits (troponin C, troponin T, and troponin I). Cardiac troponin T (cTnT) is a 37 kDa protein that binds to tropomyosin, thereby attaching the troponin complex to the thin filament. cTnT is a cardiac regulatory protein that controls the calcium-mediated interaction between actin and myosin.

Defects in cTnT are the cause of cardiomyopathy familial hypertrophic type 2 (CMH2), cardiomyopathy dilated type 1D (CMD1D) and cardiomyopathy familial restrictive type 3 (RCM3). Statistically significant differences were also described in cTnT levels between newborns with heart defects and healthy individuals.



IF analysis of (4% PFA) fixed mouse heart tissue using Cardiac Troponin T antibody (15513-1-AP; 1:50, 40x) and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC of paraffin-embedded human heart using TNNT2 antibody (15513-1-AP) at a dilution of 1:50; under 40x.

CD31 (PECAM-1): A Multi-Functional Molecule in Vascular Biology

Focus Antibody
CD31

Catalog Number
11265-1-AP

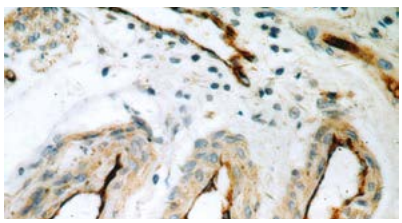
Type
Rabbit Polyclonal

Applications
ELISA, FC, IF, IHC, IP, WB

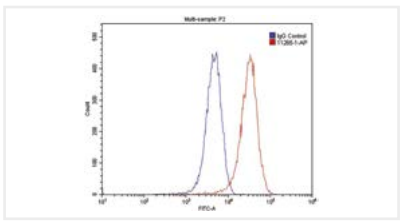
15 Publications

CD31 (PECAM-1 – platelet endothelial cell adhesion molecule-1) is an Ig gene superfamily member, composed of 6 extracellular Ig folds, with a molecular weight of 130 kDa. It is differentially glycosylated involving N-linked and O-linked glycosylation sites.

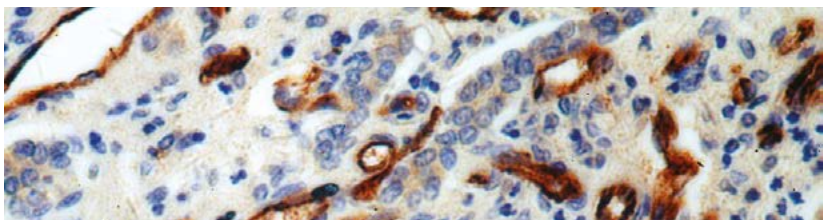
CD31 is expressed on all cells within the vascular compartment, on the surface of the endothelium. It plays a role in cell-cell adhesion, being an efficient signaling molecule. This reflects the diverse roles of CD31 in vascular biology including angiogenesis, platelet function, thrombosis, mechanosensing of endothelial cell response to fluid shear stress, and regulation of multiple stages of leukocyte migration through venular walls.



IHC of paraffin-embedded human endometrial cancer sample using CD31 antibody (11265 -1-AP) at a dilution of 1:50; under 40x.



HUVEC cells were stained with 0.2ug CD31 antibody (11265-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC of paraffin-embedded human hepatocirrhosis sample using CD31 antibody (11265-1-AP) at a dilution of 1:50; under 40x.

Myosin light chain 2 – Atrial (MYL7/MLC2a) & Ventricular (MYL2/MLC-2v) Cardiomyocytes

Focus Antibody
MYL2

Catalog Number
10906-1-AP

Type
Rabbit Polyclonal

Applications
ELISA, FC, IF, IHC, IP, WB

44 Publications

Focus Antibody
MYL7

Catalog Number
17283-1-AP

Type
Rabbit Polyclonal

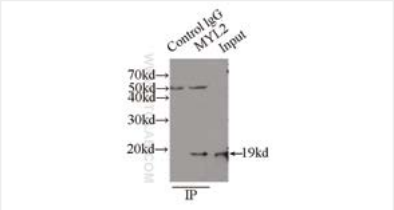
Applications
ELISA, IF, IHC, IP, WB

1 Publication

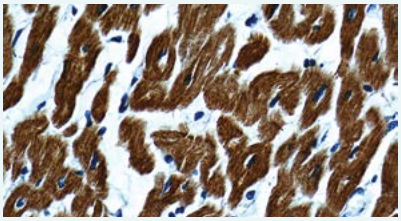
MYL2/MLC-2v and MYL7/MLC2a are commonly known as two major isoforms of myosin light chain 2, which are essential for heart development.

MYL2/MLC-2v and MYL7/MLC2a are expressed in the heart in a defined manner. The ventricular myosin light chain-2 isoform (MYL2/MLC-2v) is restricted to the ventricular segment of the heart and is related to the ventricles throughout the developing and adult human heart. In contrast, the atrial myosin light chain-2 (MYL7/MLC-2a) is expressed in the presumptive ventricle prior to MYL2/MLC-2v. Its ventricular expression is subsequently down-regulated, instead, with abundant expression in the atrium postnatally.

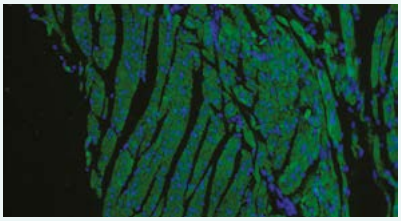
The expression pattern of MYL2/MLC-2v and MYL7/MLC2a is considered as the specific marker for mature ventricle and atrial cardiomyocytes, commonly used for in vitro development of induced pluripotent stem cell-derived cardiomyocytes.



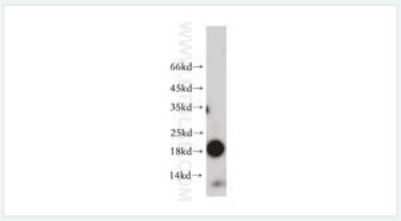
IP Results of MYL2 antibody (10906-1-AP; 1:500) with mouse heart tissue.



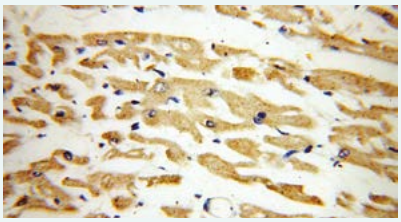
IHC results of paraffin-embedded human heart tissue using MYL2 antibody (10906 -1-AP; 1:200, 40x).



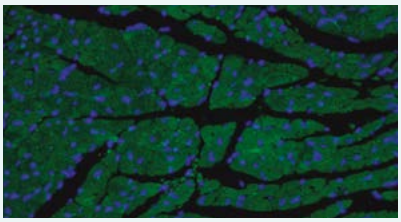
IF analysis of (4% PFA) fixed mouse heart tissue using MYL2 antibody (10906-1-AP; 1:500, 40x) and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Mouse heart tissue and WB results of MYL7 antibody (17283-1-AP 1:800).



IHC results of paraffin-embedded human heart tissue using MYL7 antibody (17283 -1-AP; 1:100, 40x).



IF analysis of (4% PFA) fixed mouse heart tissue using MYL7 antibody (17283-1-AP; 1:50, 40x) and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

ACTA2/smooth muscle actin
⟶ G6PD

ANTIBODY PRODUCT LIST

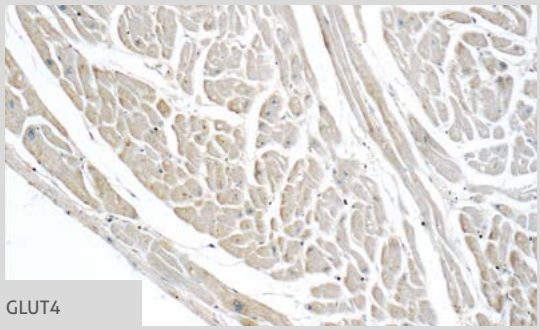
Antibody Name	Cat. No.	Type	Applications
ACTA2/smooth muscle actin (57)	14395-1-AP	Rabbit Poly	ELISA, FC, IF, IHC, IP, WB
ACTA2/smooth muscle actin (5)	23081-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
AK1	14978-1-AP	Rabbit Poly	ELISA, WB
AKT1 (56)	10176-2-AP	Rabbit Poly	ELISA, FC, IF, IHC, IP, WB
AKT1 (1)	60203-1-Ig	Mouse Mono	ELISA, FC, IF, IHC, IP, WB
AKT1	51077-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
AKT1	55230-1-AP	Rabbit Poly	ELISA, IHC, WB
AKT2 (2)	17609-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
ALDH2 (7)	15310-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
ANKRD1 (3)	11427-1-AP	Rabbit Poly	ELISA, WB
APC	19782-1-AP	Rabbit Poly	ELISA, IHC
APEX1 (5)	10203-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
APEX1	10323-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
APOB	20578-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
ARNTL	14268-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
BMP10	22858-1-AP	Rabbit Poly	ELISA, WB
BMPR1A (2)	12702-1-AP	Rabbit Poly	ELISA, IF, IP, WB
Brachyury-T	20741-1-AP	Rabbit Poly	ELISA, WB
BubR1 (2)	11504-2-AP	Rabbit Poly	ELISA, IF, IHC, WB
Calponin (3)	13938-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
Calponin	24855-1-AP	Rabbit Poly	ELISA, IHC, WB
Calsequestrin 2	18422-1-AP	Rabbit Poly	ELISA, IHC, WB
Cardiac Troponin I	21652-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
Cardiac Troponin T (4)	15513-1-AP	Rabbit Poly	ELISA, IHC, WB
Cardiac Troponin T	26592-1-AP	Rabbit Poly	ELISA, IHC, WB

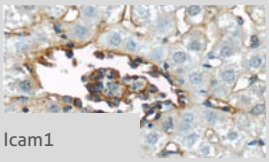
Antibody Name	Cat. No.	Type	Applications
Catalase (10)	21260-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
Catalase-Specific	19792-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
caveolin 1 (5)	16447-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
caveolin 1	66067-1-Ig	Mouse Mono	ELISA, IHC, WB
CCDC109A	26312-1-AP	Rabbit Poly	ELISA, IF, WB
CD31 (14)	11265-1-AP	Rabbit Poly	ELISA, FC, IF, IHC, IP, WB
CD31 (3)	66065-1-Ig	Mouse Mono	ELISA, IF, IHC, WB
CD34 (4)	14486-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
CD34	60180-1-Ig	Mouse Mono	ELISA, IHC, WB
CNOT3 (1)	11135-1-AP	Rabbit Poly	ELISA, IF, IP, WB
COX7A1 (2)	11413-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
CPT1B-specific (1)	22170-1-AP	Rabbit Poly	ELISA, WB
Creatine Kinase	15891-1-AP	Rabbit Poly	ELISA, WB
Creatine Kinase M-Specific	18712-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
Creatine Kinase M-Specific	60177-1-Ig	Mouse Mono	ELISA, IF, IHC, WB
CSRP3	10721-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
DDR1 (1)	10536-1-AP	Rabbit Poly	ELISA, IHC, WB
DVL3 (1)	13444-1-AP	Rabbit Poly	ELISA, IF, IP, WB
Endoglin/ CD105 (3)	10862-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
E-selectin/ CD62E (2)	20894-1-AP	Rabbit Poly	ELISA, FC, WB
ETS1 (1)	12118-1-AP	Rabbit Poly	ELISA, WB
ETS2	12280-1-AP	Rabbit Poly	ELISA, IP, WB
foxo3a	66428-1-Ig	Mouse Mono	ELISA, WB
foxo3a (5)	10849-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
G6PD (1)	25413-1-AP	Rabbit Poly	ELISA, IF, WB

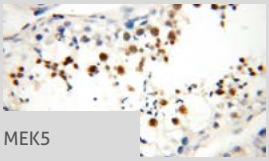
(00) This number shows the amount of times our antibody has been cited in a publication.

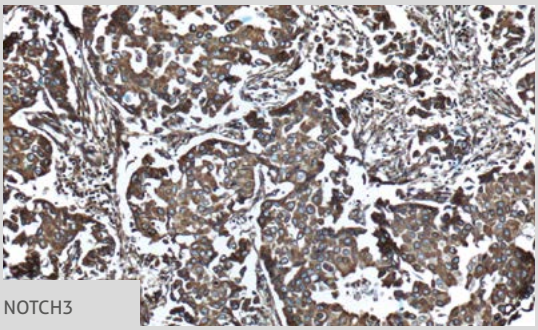
GATA2
SEMA3C ←

More validation images available on our website.


GLUT4


Icam1


MEK5


NOTCH3

Antibody Name	Cat. No.	Type	Applications
GATA2 (2)	11103-1-AP	Rabbit Poly	ELISA, IHC, IF, WB
GATA4-Specific (3)	19530-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
GATA6 (1)	55435-1-AP	Rabbit Poly	ELISA, WB
GFPT2	15189-1-AP	Rabbit Poly	ELISA, IP, WB
GLO1	15140-1-AP	Rabbit Poly	ELISA, IP, WB
GLO1	18477-1-AP	Rabbit Poly	ELISA, WB
GLUT4 (2)	21048-1-AP	Rabbit Poly	ELISA, IHC, WB
HAS1	15229-1-AP	Rabbit Poly	ELISA, WB
HEXIM1 (7)	15676-1-AP	Rabbit Poly	CoIP, ELISA, IF, IHC, IP, WB
HEXIM1	66311-1-Ig	Mouse Mono	ELISA, WB
Hexokinase 1 (1)	19662-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
Hexokinase 2 (7)	22029-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
HEY1 (6)	19929-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
HEY2 (15)	10597-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
HK1	15656-1-AP	Rabbit Poly	ELISA, WB
HOPX (1)	11419-1-AP	Rabbit Poly	ELISA, IP, WB
HSF1 (3)	16107-1-AP	Rabbit Poly	ELISA, IHC, WB
HSF1	51034-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
Icam1 (15)	10020-1-AP	Rabbit Poly	ELISA, FC, IF, IHC, WB
ICAM-1 (5)	60299-1-Ig	Mouse Mono	ELISA, FC, IF, IHC, WB
ICAM-1 (13)	10831-1-AP	Rabbit Poly	ELISA, FC, IHC, IP, WB
ICAM-1 (1)	15364-1-AP	Rabbit Poly	ELISA, FC, IHC, IP, WB
Islet 1	15661-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
Kir6.1	14954-1-AP	Rabbit Poly	ELISA, IF, IP, WB
KLF13 (1)	18352-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
MEF2A	12382-1-AP	Rabbit Poly	ELISA, WB
MEF2B-Specific	18710-1-AP	Rabbit Poly	ELISA, WB
MEF2C (15)	10056-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
MEF2C	20326-1-AP	Rabbit Poly	ELISA, IHC, WB
MEF2C	16953-1-AP	Rabbit Poly	ELISA, WB
MEF2C (1)	18290-1-AP	Rabbit Poly	ELISA, IHC, WB

Antibody Name	Cat. No.	Type	Applications
MEF2C	18291-1-AP	Rabbit Poly	ELISA, IHC, WB
MEF2C-Specific	18293-1-AP	Rabbit Poly	ELISA, IHC
MEF2D	14353-1-AP	Rabbit Poly	ELISA, IF, WB
MEK5	15758-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
Mitofilin (14)	10179-1-AP	Rabbit Poly	ELISA, FC, IF, IHC, IP, WB
MKL1 (2)	21166-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
MTOR (13)	20657-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
MYL7 (1)	17283-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
Myosin Light Chain Antibody 2 (44)	10906-1-AP	Rabbit Poly	ELISA, FC, IF, IHC, IP, WB
NKX2-5 (1)	13921-1-AP	Rabbit Poly	ELISA, WB
NOTCH1 (3)	20687-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
NOTCH3 (4)	55114-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
NRF2, NFE2L2 (22)	16396-1-AP	Rabbit Poly	ELISA, FC, IF, IHC, IP, WB
OSR1	13386-1-AP	Rabbit Poly	ELISA, WB
PER3 (1)	12550-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
Periostin (1)	19899-1-AP	Rabbit Poly	ELISA, IHC, WB
PFKFB1	21718-1-AP	Rabbit Poly	ELISA, IHC, WB
PINK1 (1)	23274-1-AP	Rabbit Poly	ELISA, IHC, WB
PITX2	11106-1-AP	Rabbit Poly	ELISA
PKLR (3)	22456-1-AP	Rabbit Poly	ELISA, IHC, WB
PKLR	17580-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
POLD3	21935-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
PPM1K	14573-1-AP	Rabbit Poly	ELISA, IHC, WB
PROX1 (8)	51043-1-AP	Rabbit Poly	ChIP, CoIP, ELISA, IF, IHC, WB
PROX1 (4)	11067-2-AP	Rabbit Poly	ChIP, ELISA, FC, IF, IHC, WB
PROX1	19554-1-AP	Rabbit Poly	ELISA, WB
PYGB (4)	12075-1-AP	Rabbit Poly	ELISA, IP, WB
PYGB	55380-1-AP	Rabbit Poly	ELISA, IF, WB
PYGM-Specific	19716-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
SEMA3C	19242-1-AP	Rabbit Poly	ELISA, WB

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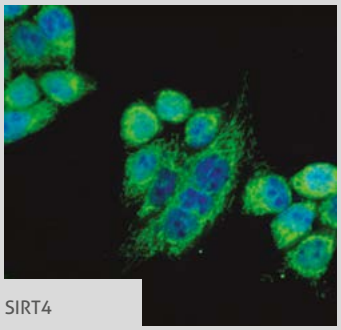
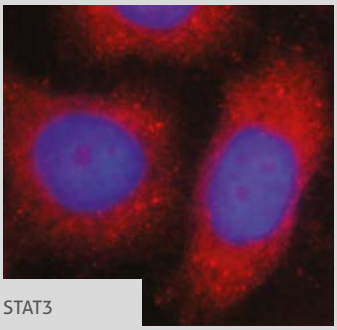
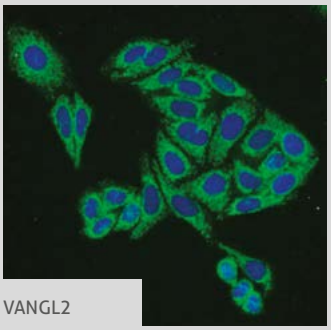
SFRP2
⟶ VEGF Receptor 2

More validation images available on our website.


Sir 1


SIRT4


STAT3


VANGL2

Antibody Name	Cat. No.	Type	Applications
SFRP2 (2)	12189-1-AP	Rabbit Poly	ELISA, IHC, WB
SFRP2	66328-1-Ig	Mouse Mono	ELISA, IF, IHC, WB
SIGMAR1 (2)	15168-1-AP	Rabbit Poly	ELISA, IHC, WB
SIK1 (4)	51045-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
SIK1	17370-1-AP	Rabbit Poly	ELISA, IHC
Sirt 1 (25)	13161-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
Sirt 1	60303-1-Ig	Mouse Mono	ELISA, IF, IHC, IP, WB
Sirt 2 (2)	19655-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
Sirt 2	66410-1-Ig	Mouse Mono	ELISA, IHC, WB
Sirt 2	15345-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
SIRT3 (3)	10099-1-AP	Rabbit Poly	ELISA, WB
SIRT4	21440-1-AP	Rabbit Poly	ELISA, IF, IHC, WB
SIRT7 (2)	12994-1-AP	Rabbit Poly	ELISA, IP, WB
SKP2 (4)	15010-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
SMAD4 (3)	10231-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
SMAD4	51069-2-AP	Rabbit Poly	ELISA, IF, IHC, WB
SMAD4	51144-1-AP	Rabbit Poly	ELISA, IHC, WB
SMMHC (1)	18569-1-AP	Rabbit Poly	ELISA, WB
SMMHC (1)	21404-1-AP	Rabbit Poly	ELISA, IHC, WB
SMMHC	60222-1-Ig	Mouse Mono	ELISA, WB
smooth muscle actin specific (4)	55135-1-AP	Rabbit Poly	ELISA, IHC, WB
SMTN	23567-1-AP	Rabbit Poly	ELISA, IHC, WB
SNAI1 (17)	13099-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
SNAI1	26183-1-AP	Rabbit Poly	ELISA, IF, WB
SRF (5)	16821-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
SRFBP1	12792-1-AP	Rabbit Poly	ELISA, IHC, WB
STAT3 (13)	10253-2-AP	Rabbit Poly	ChIP, ELISA, FC, IF, IHC, IP, WB
STAT3 (2)	51076-2-AP	Rabbit Poly	ELISA, IHC, IP, WB
STAT3 (1)	60199-1-Ig	Mouse Mono	ELISA, IF, IHC, IP, WB
STIP1 (1)	15218-1-AP	Rabbit Poly	ELISA, IF, IP, WB

Antibody Name	Cat. No.	Type	Applications
SUCLA2 (8)	12627-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
TBX5	13178-1-AP	Rabbit Poly	ELISA, IF, WB
TEAD1 (2)	13283-1-AP	Rabbit Poly	ELISA, IP, WB
TEAD4 (1)	12418-1-AP	Rabbit Poly	ELISA, IP, WB
TFAM (8)	19998-1-AP	Rabbit Poly	ELISA, IHC, WB
TFAM	23996-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
TFAM	22586-1-AP	Rabbit Poly	ELISA, IHC, IP, WB
Thrombomodulin	14318-1-AP	Rabbit Poly	ELISA, FC, IHC, WB
Tie2	19157-1-AP	Rabbit Poly	ELISA, IP WB
transgelin/ SM22 (22)	10493-1-AP	Rabbit Poly	ELISA, FC, IF, IHC, WB
transgelin/ SM22	60213-1-Ig	Mouse Mono	ELISA, IHC, WB
transgelin/ SM22-specific	15502-1-AP	Rabbit Poly	ELISA, IHC, WB
TWIST1 (9)	18125-1-AP	Rabbit Poly	ELISA, WB
TWIST1-specific (1)	25465-1-AP	Rabbit Poly	ELISA, IP, WB
VANGL2	21492-1-AP	Rabbit Poly	ELISA, IF, IHC, IP, WB
VCAM1 (10)	11444-1-AP	Rabbit Poly	ELISA, FC, IF, IHC, WB
VCAM1	66294-1-Ig	Mouse Mono	ELISA, IHC, WB
VEGF Receptor 2 (1)	26415-1-AP	Rabbit Poly	ELISA, FC, IHC, WB

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