For Research Use Only

# S100A10 Monoclonal antibody, PBS Only

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:66227-1-PBS

## Basic Information

Catalog Number:
66227-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG23596

GenBank Accession Number:
BC015973

GeneID (NCBI):
6281

UNIPROT ID:
P60903

Full Name:
S100 calcium binding protein A10

Calculated MW:
11 kDa

Observed MW:
11 kDa

Purification Method:
Protein G purification

CloneNo.:
1B3F9

## Applications

Tested Applications:
WB,Indirect ELISA,IHC,IF

Species Specificity:
human

## Background Information

S100A10, also known as p11, is a member of the S100 family of small, EF hand containing dimeric proteins. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100A10 is present on the surface of endothelial and other cells in a heterotetrameric complex with another Ca(2+)-binding protein, annexin II. S100A10 may function in exocytosis and endocytosis.

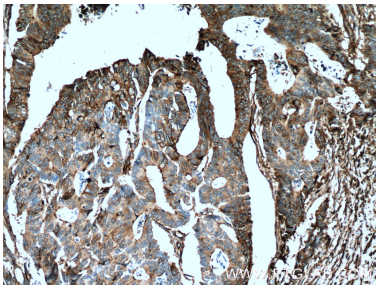
## Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

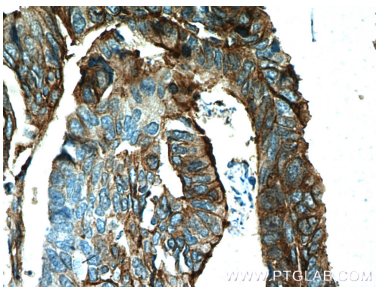
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

## Selected Validation Data

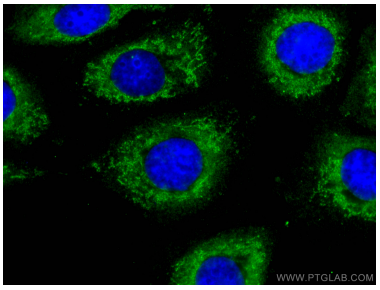

human lung tissue were subjected to SDS PAGE followed by western blot with 66227-1-Ig (S100A10 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66227-1-PBS in a different storage buffer formulation.



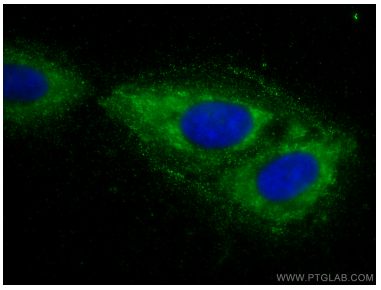
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66227-1-Ig (S100A10 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66227-1-PBS in a different storage buffer formulation.



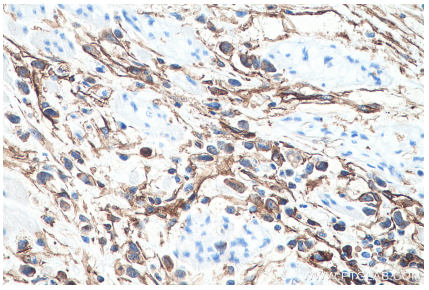

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66227-1-Ig (S100A10 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66227-1-PBS in a different storage buffer formulation.



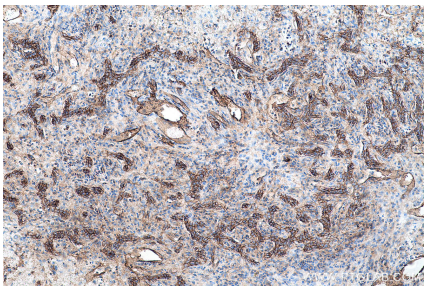

Immunofluorescent analysis of (4% PFA) fixed A431 cells using S100A10 antibody (66227-1-Ig, Clone: 1B3F9 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66227-1-PBS in a different storage buffer formulation.



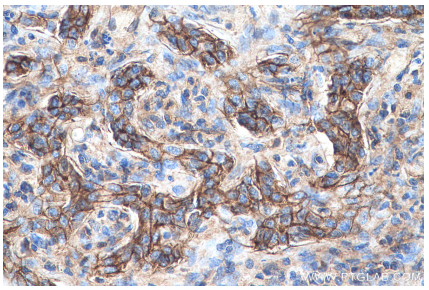

Immunofluorescent analysis of (-20°C Methanol) fixed Saos-2 cells using S100A10 antibody (66227-1-Ig, Clone: 1B3F9 ) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66227-1-PBS in a different storage buffer formulation.



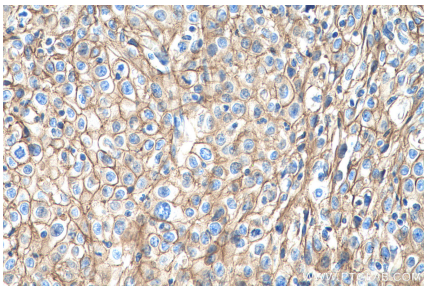
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 66227-1-Ig (S100A10 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66227-1-PBS in a different storage buffer formulation.



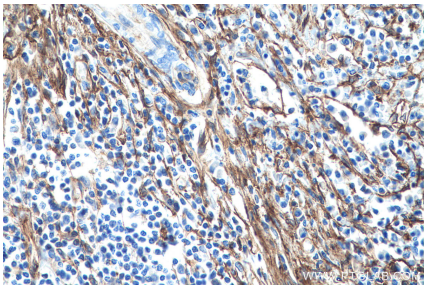
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66227-1-Ig (S100A10 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66227-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66227-1-Ig (S100A10 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66227-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 66227-1-Ig (S100A10 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66227-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 66227-1-Ig (S100A10 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66227-1-PBS in a different storage buffer formulation.