

For Research Use Only

CoraLite®488-conjugated IFIH1 Polyclonal antibody

Catalog Number: CL488-21775

Featured Product



Basic Information

Catalog Number:

CL488-21775

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16467

GenBank Accession Number:

BC111750

GeneID (NCBI):

64135

UNIPROT ID:

Q9BYX4

Full Name:

interferon induced with helicase C domain 1

Calculated MW:

1025 aa, 117 kDa

Observed MW:

117-125 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

491 nm / 516 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse

Positive Controls:

IF-P: mouse skeletal muscle tissue,

Background Information

IFIH1 (Interferon-induced helicase C domain-containing protein 1) is a putative RNA helicase that is upregulated in response to treatment with IFNB or IFNB and MEZ. It is also named as MDA5 and RH116. Ectopic expression of MDA5 in melanoma cells resulted in reduced colony formation, suggesting an interaction of the CARD and apoptotic signal molecules. Functional analysis indicated that MDA5 is an RNA-dependent ATPase. And this antibody is CL488(Ex/Em 488 nm/515 nm) conjugated.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

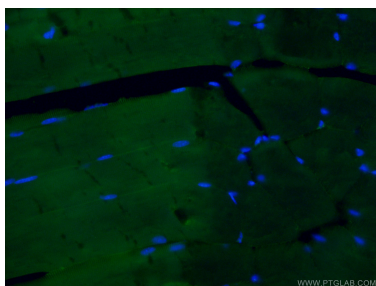
T: 4006900926

E: Proteintech-CN@ptglab.com

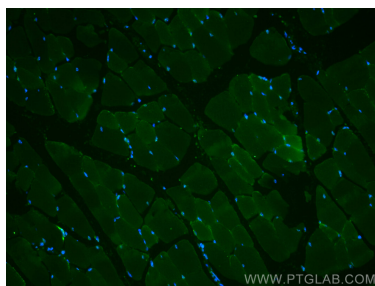
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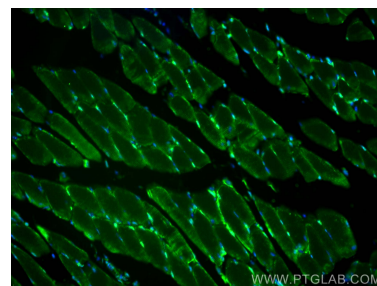
Selected Validation Data



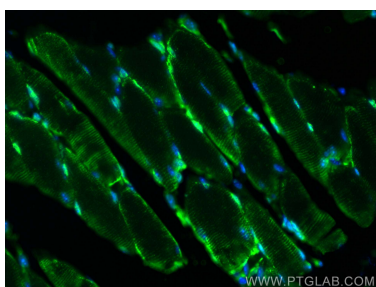
Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using CL488-21775 (IFIH1 antibody) at dilution of 1:100.



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using CoraLite®488 IFIH1 antibody (CL488-21775) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using CoraLite®488 IFIH1 antibody (CL488-21775) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using CoraLite®488 IFIH1 antibody (CL488-21775) at dilution of 1:200.