

For Research Use Only

CoraLite® Plus 488-conjugated MYL6 Monoclonal antibody



Catalog Number: CL488-68142

Featured Product

Basic Information

Catalog Number:

CL488-68142

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG13091

GenBank Accession Number:

BC006781

GeneID (NCBI):

4637

UNIPROT ID:

P60660

Full Name:

myosin, light chain 6, alkali, smooth muscle and non-muscle

Calculated MW:

17 kDa

Observed MW:

17-25 kDa

Purification Method:

Protein G purification

CloneNo.:

2G4C9

Recommended Dilutions:

IF 1:250-1:1000

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, mouse, rat, pig, rabbit

Positive Controls:

IF : HeLa cells,

Background Information

Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. MYL6 (Myosin light polypeptide 6), encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Expression of MYL6 is high in fibroblasts and myoblasts (PMID:8188229, 2304459, 2722814).

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:

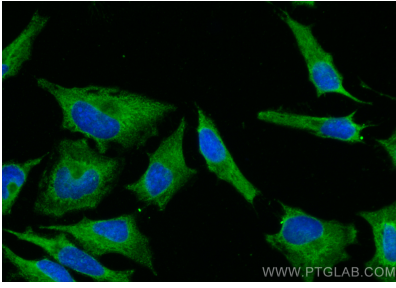
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 MYL6 antibody (CL488-68142, Clone: 2G4C9) at dilution of 1:500.