

For Research Use Only

MYO1F Polyclonal antibody, PBS Only

Catalog Number: 28841-1-PBS



Basic Information

Catalog Number:

28841-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29899

GenBank Accession Number:

BC028071

GeneID (NCBI):

4542

UNIPROT ID:

O00160

Full Name:

myosin IF

Calculated MW:

1098 aa, 125 kDa

Observed MW:

115-125 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Myosin family members are proteins that hydrolyze ATP to generate force or directional movement along actin filaments and are implicated in the rearrangement of the cytoskeleton in several cell types. Myosin 1F (MYO1F), a long tailed class I myosin, is highly expressed in natural killer (NK) cells, macrophages, dendritic cells, and neutrophils. MYO1F plays a critical role in the mediating of signaling molecules "trafficking from membrane to cytoplasm," and this process is essential for the antifungal signaling pathway activation.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

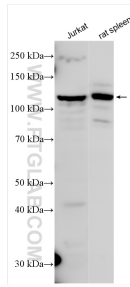
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

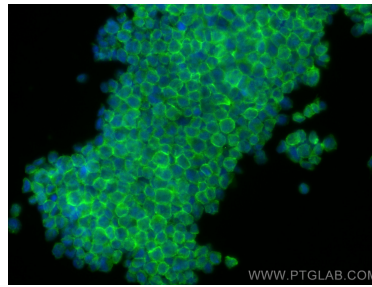
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28841-1-AP (MYO1F antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28841-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using MYO1F antibody (28841-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 28841-1-PBS in a different storage buffer formulation.