

For Research Use Only

MYO1F Polyclonal antibody, PBS Only

Catalog Number: 28841-1-PBS



Basic Information

Catalog Number: 28841-1-PBS	GenBank Accession Number: BC028071	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 4542	
Isotype: IgG	UNIPROT ID: O00160	
Immunogen Catalog Number: AG29899	Full Name: myosin IF	
	Calculated MW: 1098 aa, 125 kDa	
	Observed MW: 115-125 kDa	

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

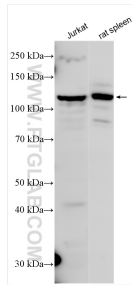
T: 4006900926

E: Proteintech-CN@ptglab.com

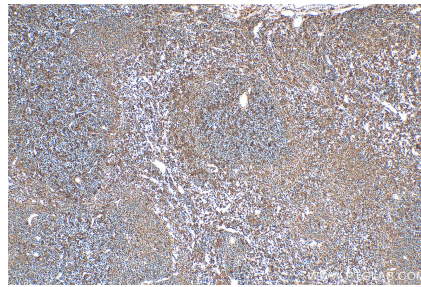
W: ptgcn.com

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

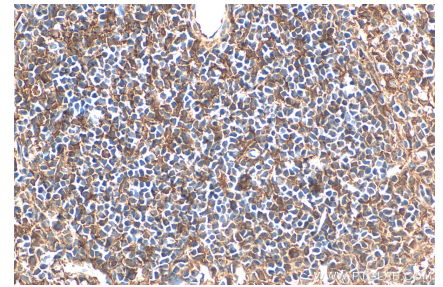
Selected Validation Data



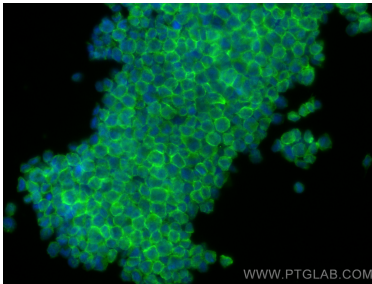
Various lysates were subjected to SDS PAGE followed by western blot with 28841-1-AP (MYO1F antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28841-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 28841-1-AP (MYO1F 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 28841-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 28841-1-AP (MYO1F 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 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 CoralLite® 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.