

For Research Use Only

# FMNL1 Monoclonal antibody

Catalog Number: 67587-1-Ig



## Basic Information

Catalog Number:

67587-1-Ig

GenBank Accession Number:

BC111564

Purification Method:

Protein A purification

Size:

150ul, Concentration: 1800 ug/ml by 752  
Nanodrop and 1000 ug/ml by Bradford  
method using BSA as the standard;

GeneID (NCBI):

752

CloneNo.:

1B12A4

Source:

Mouse

UNIPROT ID:

O95466

Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:500-1:2000

Isotype:

IgG2b

Full Name:

formin-like 1

Observed MW:

140-150 kDa

Immunogen Catalog Number:

AG27322

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, pig

Positive Controls:

WB : Jurkat cells, NK-92 cells, HL-60 cells, K-562 cells,  
pig thymus tissue

IF/ICC : U2OS cells,

## Background Information

FMNL1, also named as C17orf1, C17orf1B and FMNL, belongs to the formin homology family. It may play a role in the control of cell motility and survival of macrophages. FMNL1 protein may be involved in anti-apoptosis mechanisms. It is overexpressed in lymphoid malignancies and is found associated with Akt. 67587-1-Ig antibody detects the protein around 140-150 kDa which is similar to the results reported in publications. (PMID: 21868368, 22986496, 23182705)

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

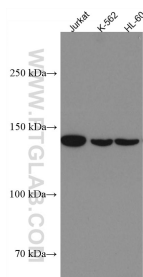
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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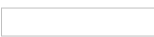
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67587-1-Ig (FMNL1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



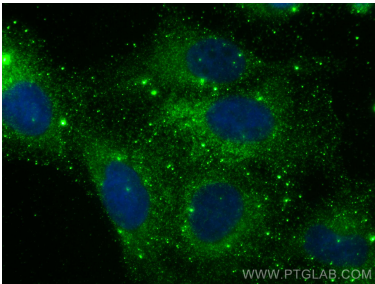
Various lysates were subjected to SDS PAGE followed by western blot with 67587-1-Ig (FMNL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Jurkat cells were subjected to SDS PAGE followed by western blot with 67587-1-Ig (FMNL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



NK-92 cells were subjected to SDS PAGE followed by western blot with 67587-1-Ig (FMNL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using FMNL1 antibody (67587-1-Ig, Clone: 1B12A4 ) at dilution of 1:1000 and Coralite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).