

FMNL1 Monoclonal antibody

Catalog Number: 67587-1-Ig

Basic Information

Catalog Number:

67587-1-Ig

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG27322

GenBank Accession Number:

BC111564

GeneID (NCBI):

752

UNIPROT ID:

O95466

Full Name:

formin-like 1

Observed MW:

140-150 kDa

Purification Method:

Protein A purification

CloneNo.:

1B12A4

Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:500-1:2000

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:

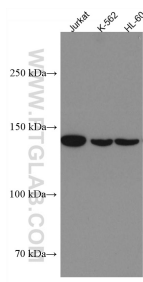
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

Selected Validation Data

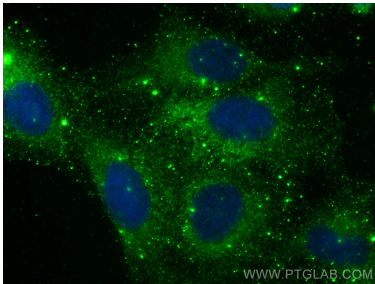


Various lysates were subjected to SDS PAGE followed by western blot with 67587-1-Ig (FMNL1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.

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).