

For Research Use Only

SH3BP1 Monoclonal antibody

Catalog Number: 68328-1-Ig



Basic Information

Catalog Number:

68328-1-Ig

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG15165

GenBank Accession Number:

BC008282

GeneID (NCBI):

23616

UNIPROT ID:

Q9Y3L3

Full Name:

SH3-domain binding protein 1

Calculated MW:

701 aa, 76 kDa

Observed MW:

76-80 kDa

Purification Method:

Protein A purification

CloneNo.:

1B12C6

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:1000-1:4000

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HSC-T6 cells, LNCaP cells, HepG2 cells, Jurkat cells, NIH/3T3 cells, 4T1 cells

IF/ICC : HeLa cells,

Background Information

SH3BP1 is also named as Chimeric SH3BP1-PDXP protein and BARGIN, and belongs to the RhoGAP family. SH3BP1 can be as a partner of the exocyst complex and establish a physical and functional link between two motility-driving pathways, the Ral/exocyst and Rac signaling pathways. (PMID:21658605). SH3BP1 localizes together with the exocyst to the leading edge of motile cells and that SH3BP1 regulates cell migration via its GAP activity upon Rac1.

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

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

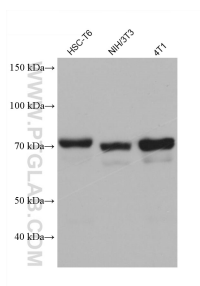
T: 4006900926

E: Proteintech-CN@ptglab.com

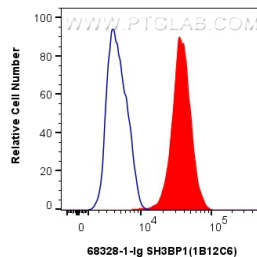
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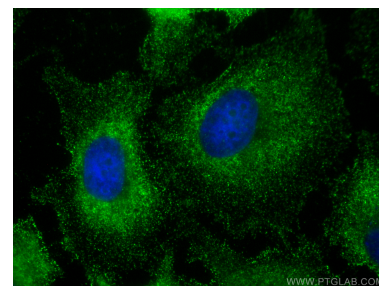
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68328-1-Ig (SH3BP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1×10^6 HepG2 cells were intracellularly stained with 0.4 ug SH3BP1 Monoclonal antibody (68328-1-Ig, Clone:1B12C6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1) (red), or 0.4 ug Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using SH3BP1 antibody (68328-1-Ig, Clone: 1B12C6) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).