

For Research Use Only

SH3BP1 Monoclonal antibody

Catalog Number: 68328-1-Ig



Basic Information

Catalog Number: 68328-1-Ig	GenBank Accession Number: BC008282	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 23616	CloneNo.: 1B12C6
Source: Mouse	UNIPROT ID: Q9Y3L3	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:1000-1:4000
Isotype: IgG1	Full Name: SH3-domain binding protein 1	
Immunogen Catalog Number: AG15165	Calculated MW: 701 aa, 76 kDa	
	Observed MW: 76-80 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

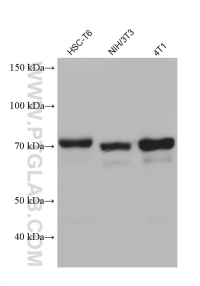
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

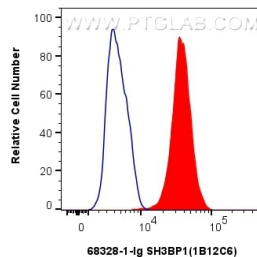
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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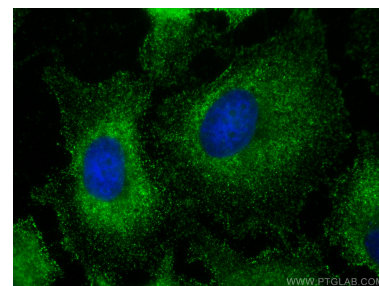
Selected Validation Data



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 μ g SH3BP1 Monoclonal antibody (68328-1-Ig, Clone:1B12C6) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.4 μ g 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 Goat Anti-Mouse IgG(H+L) (SA00013-1).