

For Research Use Only

Bif-1 Recombinant antibody

Catalog Number:83715-1-RR



Basic Information

Catalog Number: 83715-1-RR	GenBank Accession Number: BC007455	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51100	CloneNo.: 240623E1
Source: Rabbit	UNIPROT ID: Q9Y371	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:1000
Isotype: IgG	Full Name: SH3-domain GRB2-like endophilin B1	
Immunogen Catalog Number: AG7710	Calculated MW: 41 kDa	
	Observed MW: 41 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : Jurkat cells, K-562 cells, HEK-293 cells
Species Specificity: human	IF/ICC : HeLa cells,

Background Information

SH3GLB1 also known as Bif-1, contains an N-terminal domain, a central coiled-coil region, and a C-terminal SH3 domain, but shares no significant homology with members of the Bcl-2 family. SH3GLB1 is involved in activation of caspase-dependent apoptosis by promoting BAX/BAK1 activation (PubMed:16227588).

Storage

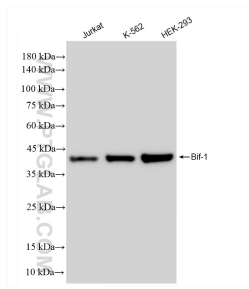
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

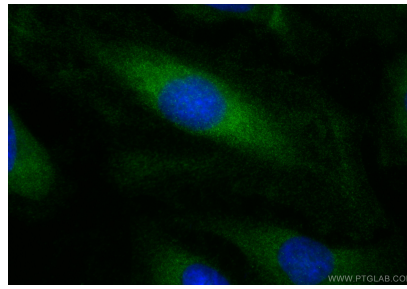
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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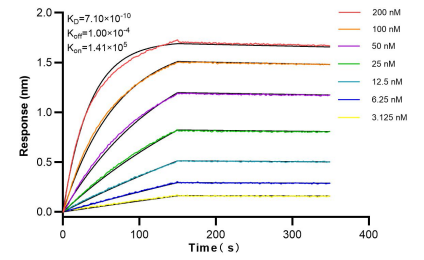
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83715-1-RR (Bif-1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Bif-1 antibody (83715-1-RR, Clone: 240623E1) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83715-1-RR against Human Bif-1 were performed. The affinity constant is 0.71 nM.