

For Research Use Only

Bif-1 Recombinant antibody

Catalog Number: 83715-1-RR



Basic Information

Catalog Number:

83715-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7710

GenBank Accession Number:

BC007455

GeneID (NCBI):

51100

UNIPROT ID:

Q9Y371

Full Name:

SH3-domain GRB2-like endophilin B1

Calculated MW:

41 kDa

Observed MW:

41 kDa

Purification Method:

Protein A purification

CloneNo.:

240623E1

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:1000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, K-562 cells, HEK-293 cells

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

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

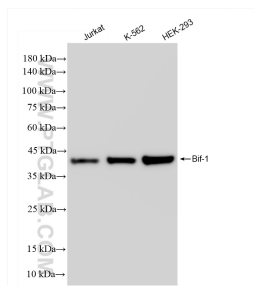
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E: Proteintech-CN@ptglab.com

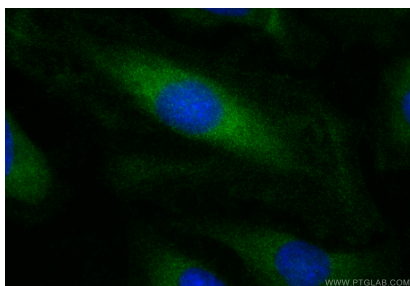
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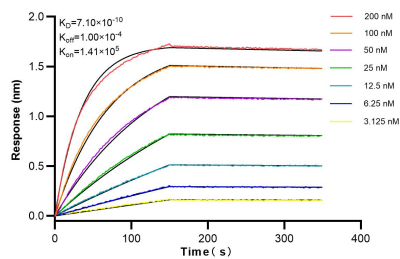
Selected Validation Data



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.