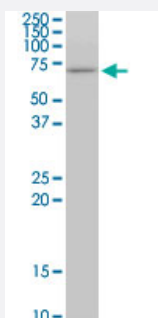


STIP1 monoclonal antibody (M02), clone 1B10

Catalog # H00010963-M02

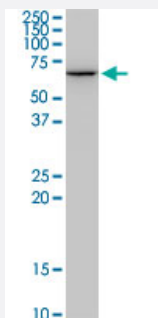
Size 100 ug

Applications



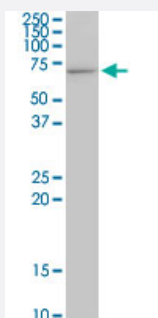
Western Blot (Cell lysate)

STIP1 monoclonal antibody (M02), clone 1B10. Western Blot analysis of STIP1 expression in NIH/3T3.



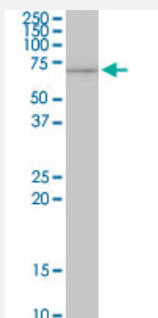
Western Blot (Cell lysate)

STIP1 monoclonal antibody (M02), clone 1B10. Western Blot analysis of STIP1 expression in Jurkat.



Western Blot (Cell lysate)

STIP1 monoclonal antibody (M02), clone 1B10. Western Blot analysis of STIP1 expression in PC-12.

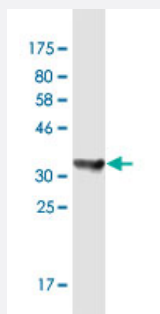
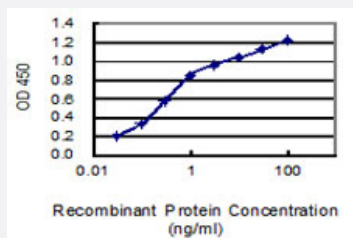


Western Blot (Cell lysate)

STIP1 monoclonal antibody (M02), clone 1B10. Western Blot analysis of STIP1 expression in Raw 264.7.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STIP1 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant STIP1.
Immunogen	STIP1 (NP_006810.1, 445 a.a. ~ 543 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TKAMDVYQKALDLDSSCKEAADGYQRCMMAQYNRHDSPEDVKRRAMADPEVQQIMSDPAMRLI LEQMCKDPQALSEHLKNPVIQKIQKLMDVGLAIR
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

STIP1 monoclonal antibody (M02), clone 1B10. Western Blot analysis of STIP1 expression in NIH/3T3.

[Protocol Download](#)

- Western Blot (Cell lysate)

STIP1 monoclonal antibody (M02), clone 1B10. Western Blot analysis of STIP1 expression in Jurkat.

[Protocol Download](#)

- Western Blot (Cell lysate)

STIP1 monoclonal antibody (M02), clone 1B10. Western Blot analysis of STIP1 expression in PC-12.

[Protocol Download](#)

- Western Blot (Cell lysate)

STIP1 monoclonal antibody (M02), clone 1B10. Western Blot analysis of STIP1 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STIP1 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — STIP1

Entrez GeneID	10963
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GeneBank Accession#	NM_006819
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Protein Accession#	NP_006810.1
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Gene Name	STIP1
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Gene Alias	HOP, IEF-SSP-3521, P60, STI1, STI1L
Gene Description	stress-induced-phosphoprotein 1
Omim ID	605063
Gene Ontology	Hyperlink
Gene Summary	STIP1 is an adaptor protein that coordinates the functions of HSP70 (see HSPA1A; MIM 140550) and HSP90 (see HSP90AA1; MIM 140571) in protein folding. It is thought to assist in the transfer of proteins from HSP70 to HSP90 by binding both HSP90 and substrate-bound HSP70. STIP1 also stimulates the ATPase activity of HSP70 and inhibits the ATPase activity of HSP90, suggesting that it regulates both the conformations and ATPase cycles of these chaperones (Song and Ma sison, 2005 [PubMed 16100115]).[supplied by OMIM]
Other Designations	Hsp70/Hsp90-organizing protein stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)

Publication Reference

- [Utilization of HEPES for Enhancing Protein Transfection into Mammalian Cells.](#)

Chen SH, Chao A, Tsai CL, Sue SC, Lin CY, Lee YZ, Hung YL, Chao AS, Cheng AJ, Wang HS, Wang TH.

Molecular Therapy. Methods & Clinical Development 2018 Dec; 13:99.

Application: Flow Cyt, IF, WB-Tr, Human, Mouse, HeLa, Mouse ovarian surface epithelial cancer cells

Pathway

- [Prion diseases](#)

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)