

Mouse STIP1 Monoclonal Antibody | anti-STIP1 antibody

STIP1 (Stress-Induced-Phosphoprotein 1, HOP, IEF-SSP-3521, P60, STI1, STI1L) (Biotin)

CATALOG # AAA26281	HOST Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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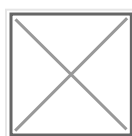
PRODUCT SYNONYMS

STIP1; Monoclonal Antibody; STIP1 (Stress-Induced-Phosphoprotein 1; HOP; IEF-SSP-3521; P60; STI1; STI1L) (Biotin); Stress-Induced-Phosphoprotein 1; STI1L; anti-STIP1 antibody

PRODUCT SPECIFICATIONS

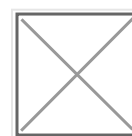
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1C6
Specificity	Recognizes STIP1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-STIP1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	STIP1 (NP_006810.1, 445aa-543aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	TKAMDVYQKALDLDSCKEADGYQRCMMAQYNRHDSPEDVKRRAMADPEVQQIMSDPAMRLILEQM QKDPQALSEHLKNPVIAQKIQKLM DVGLAIR
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



Application Data

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



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to STIP1 on HeLa cell. [antibody concentration 10 ug/ml]

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Immunofluorescence of monoclonal antibody to STIP1 on HeLa cell. [antibody concentration 10 ug/ml]

**WB (Western Blot)**

STIP1 monoclonal antibody (M06), clone 1C6. Western Blot analysis of STIP1 expression in NIH/3T3.

**WB (Western Blot)**

STIP1 monoclonal antibody (M06), clone 1C6. Western Blot analysis of STIP1 expression in PC-12.

**WB (Western Blot)**

STIP1 monoclonal antibody (M06), clone 1C6. Western Blot analysis of STIP1 expression in Raw 264.7.

ADDITIONAL INFORMATION

Related Product Information for anti-STIP1 antibody	Mouse monoclonal antibody raised against a partial recombinant STIP1.
Product Categories/Family for anti-STIP1 antibody	Antibodies ; Proteins
References	1. Secreted Stress-Induced Phosphoprotein 1 Activates the ALK2-SMAD Signaling Pathways and Promotes Cell Proliferation of Ovarian Cancer Cells. Tsai CL, Tsai CN, Lin CY, Chen HW, Lee YS, Chao A, Wang TH, Wang HS, Lai CH. Cell Rep. 2012 Aug 30;2(2):283-93. Epub 2012 Aug 9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803181
NCBI GeneID	10963
NCBI Accession #	NP_006810.1
NCBI GenBank Nucleotide #	NM_006819.2
UniProt Accession #	P31948 ; Q3ZCU9 ; Q5TZU9 ; B4DM70 ; F5H0T1 ; G3XAD8
Molecular Weight	62,639 Da
NCBI Official Full Name	stress-induced-phosphoprotein 1 isoform b
NCBI Official Synonym Full Names	stress-induced phosphoprotein 1
NCBI Official Symbol	STIP1
NCBI Official Synonym Symbols	HOP; P60; STI1; STI1L; HEL-S-94n; IEF-SSP-3521
NCBI Protein Information	stress-induced-phosphoprotein 1; NY-REN-11 antigen; Hsp70/Hsp90-organizing protein; hsc70/Hsp90-organizing protein; renal carcinoma antigen NY-REN-11; transformation-sensitive protein IEF SSP 3521; epididymis secretory sperm binding protein Li 94n
UniProt Protein Name	Stress-induced-phosphoprotein 1
UniProt Gene Name	STIP1
UniProt Synonym Gene Names	STI1; Hop
UniProt Entry Name	STIP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

