

Mouse STIP1 Monoclonal Antibody | anti-STIP1 antibody

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

CATALOG # AAA26673	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2.0e+11
Specificity	Recognizes STIP1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Sequence Length	543
Applicable Applications for anti-STIP1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	STIP1 (AAH02987.1, 1aa-543aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



FCM (Flow Cytometry)

FACS analysis of ES-2 cells stained with STIP1 monoclonal antibody clone 2E11 (Green) and non-stained ES-2 cells (Black) as negative control.



FCM (Flow Cytometry)

FACS analysis of ES-2 cells stained with STIP1 monoclonal antibody clone 2E11 (Green) and non-stained ES-2 cells (Black) as negative control.

**FCM (Flow Cytometry)**

FACS analysis of 293 cells stained with STIP1 monoclonal antibody clone 2E11 (Green) and non-stained 293 cells (Black) as negative control.

**FCM (Flow Cytometry)**

FACS analysis of 293 cells stained with STIP1 monoclonal antibody clone 2E11 (Green) and non-stained 293 cells (Black) as negative control.

**FCM (Flow Cytometry)**

FACS analysis of HeLa cells stained with STIP1 monoclonal antibody clone 2E11 (Green) and non-stained HeLa cells (Black) as negative control.

**FCM (Flow Cytometry)**

FACS analysis of HeLa cells stained with STIP1 monoclonal antibody clone 2E11 (Green) and non-stained HeLa cells (Black) as negative control.

ADDITIONAL INFORMATION

Related Product Information for anti-STIP1 antibody	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 Masison, 2005 [PubMed 16100115]). [supplied by OMIM]
Product Categories/Family for anti-STIP1 antibody	Antibodies ; Proteins
References	1. Immunohistological analysis of stress-induced phosphoprotein 1 in ovarian cancer patients with low serum cancer antigen 125 levels. Chao A, Lee LY, Hsueh C, Lin CY, Tsai CL, Chao AS, Lin CT, Chou HH, Chang TC, Wang THTaiwan J Obstet Gynecol. 2013 Jun;52(2):185-91. doi: 10.1016/j.tjog.2013.04.006. 2. Tumor Stress-Induced Phosphoprotein1 (STIP1) as a Prognostic Biomarker in Ovarian Cancer. Chao A, Lai CH, Tsai CL, Hsueh S, Hsueh C, Lin CY, Chou HH, Lin YJ, Chen HW, Chang TC, Wang THPLoS One. 2013;8(2):e57084. doi: 10.1371/journal.pone.0057084. Epub 2013 Feb 27. 3. Stress-induced phosphoprotein 1 as a secreted biomarker for human ovarian cancer promotes cancer cell proliferation. Wang TH, Chao A, Tsai CL, Chang CL, Chen SH, Lee YS, Chen JK, Lin YJ, Chang PY, Wang CJ, Chao AS, Chang SD, Chang TC, Lai CH, Wang HS.Mol Cell Proteomics. 2010 May 25.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12804257
NCBI GeneID	10963
NCBI Official Full Name	Stress-induced-phosphoprotein 1
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/stip1-antibody-clone-2-0e-11-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/26673>