

Mouse anti-Human STXB2 Monoclonal Antibody | anti-STXB2 antibody

STXB2 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62350	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

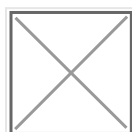
PRODUCT SYNONYMS

STXB2; Monoclonal Antibody; STXB2 Mouse mAb; FHL5; Hunc18b; MUNC18-2; Protein unc-18 homolog 2; Protein unc-18 homolog B; STXBP2; syntaxin binding protein 2; syntaxin-binding protein 2; SyntaxinBP2; Syntaxin-BP2; Unc18-2; UNC18B; Unc-18B; UNC18Bpp10122; anti-STXB2 antibody

PRODUCT SPECIFICATIONS

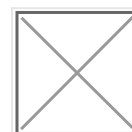
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	89
Applicable Applications for anti-STXB2 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human STXB2.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



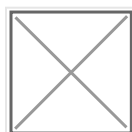
FCM/FACS (Flow Cytometry)

All lanes : STXB2 Mouse mAb at 1/2000 dilutionLane 1 : THP1 cells membrane fractionLane 2 : Jurkat cells membrane fractionLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilutionPredicted band size : 66 KDaObserved band size : 66 KDaBlocking/Dilution buffer : 1x TBST.



IP (Immunoprecipitation)

STXB2 was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25219 of 10 ug. Western blot was performed from the immunoprecipitate using M25219 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: THP1 cells membrane fraction. Lane2: IP product of THP1 cells membrane fraction.Blocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling STXB2 with M25219 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STXB2 antibody	This gene encodes a member of the STXBP/unc-18/SEC1 family. The encoded protein is involved in intracellular trafficking, control of SNARE (soluble NSF attachment protein receptor) complex assembly, and the release of cytotoxic granules by natural killer cells. Mutations in this gene are associated with familial hemophagocytic lymphohistiocytosis. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Product Categories/Family for anti-STXB2 antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	9632507
NCBI GeneID	1262010
NCBI Accession #	NP_049501.1
NCBI GenBank Nucleotide #	NC_000924.1
Molecular Weight	Predicted MW: 66.4kDa
NCBI Official Full Name	Shiga toxin 2 subunit B
NCBI Official Symbol	stxB2
NCBI Official Synonym Symbols	L0104; sltIIB; stx2B
NCBI Protein Information	Shiga toxin 2 subunit B
UniProt Protein Name	Shiga-like toxin 2 subunit B
UniProt Gene Name	stxB2
UniProt Synonym Gene Names	stx2B; SLT-2 B subunit; SLT-2b; SLT-IIb; Verotoxin 2 subunit B

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/stxb2-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62350>