

Mouse anti-Human SF3B2 Monoclonal Antibody | anti-SF3B2 antibody

SF3B2 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62353	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

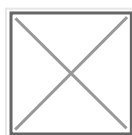
PRODUCT SYNONYMS

SF3B2; Monoclonal Antibody; SF3B2 Mouse mAb; pre-mRNA splicing factor SF3b 145 kDa subunit; Pre-mRNA-splicing factor SF3b 145 kDa subunit; SAP 145; SAP145; SF3b145; SF3b150; spliceosome associated protein 145; Spliceosome-associated protein 145; Splicing factor 3B subunit 2; splicing factor 3b; subunit 2; 145kD; 145kDa; anti-SF3B2 antibody

PRODUCT SPECIFICATIONS

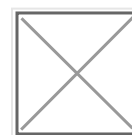
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	895
Applicable Applications for anti-SF3B2 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human SF3B2.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



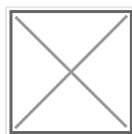
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling SF3B2 with M25215 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.



IP (Immunoprecipitation)

SF3B2 was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25215 of 10 ug. Western blot was performed from the immunoprecipitate using M25215 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)

All lanes : SF3B2 Mouse mAb at 1/2000 dilution Lane 1 : THP1 cells membrane fraction Lane 2 : Jurkat cells membrane fraction as negative control Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution Predicted band size : 100 KDa Observed band size : 100 KDa Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SF3B2 antibody	This gene encodes subunit 2 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence-independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. Subunit 2 associates with pre-mRNA upstream of the branch site at the anchoring site. Subunit 2 also interacts directly with subunit 4 of the splicing factor 3b complex. Subunit 2 is a highly hydrophilic protein with a proline-rich N-terminus and a glutamate-rich stretch in the C-terminus.
Product Categories/Family for anti-SF3B2 antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	55749531
NCBI GeneID	10992
NCBI Accession #	NP_006833.2
NCBI GenBank Nucleotide #	NM_006842.2
UniProt Accession #	Q13435; Q7L4T5; Q7Z627; Q969K1; Q96CM6; Q9BWD2; A8K485; B4DT19
Molecular Weight	Predicted MW: 100kDa
NCBI Official Full Name	splicing factor 3B subunit 2
NCBI Official Synonym Full Names	splicing factor 3b subunit 2
NCBI Official Symbol	SF3B2
NCBI Official Synonym Symbols	Cus1; SF3b1; SAP145; SF3B145; SF3b150
NCBI Protein Information	splicing factor 3B subunit 2
UniProt Protein Name	Splicing factor 3B subunit 2
UniProt Gene Name	SF3B2
UniProt Synonym Gene Names	SAP145; SF3b145; SAP 145

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sf3b2-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62353>