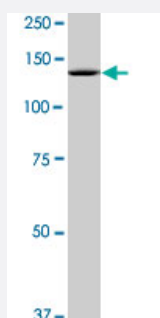


SF3B2 monoclonal antibody (M10), clone 2A2

Catalog # H00010992-M10

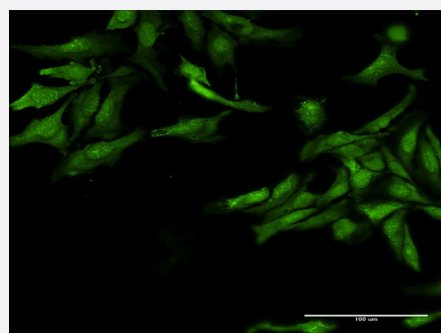
Size 100 ug

Applications



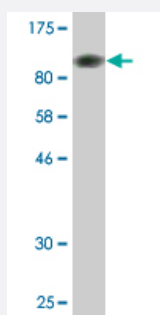
Western Blot (Cell lysate)

SF3B2 monoclonal antibody (M10), clone 2A2. Western Blot analysis of SF3B2 expression in HeLa S3 NE (Cat # L013V3).



Immunofluorescence

Immunofluorescence of monoclonal antibody to SF3B2 on HeLa cell . [antibody concentration 40 ug/ml]



Western Blot detection against Immunogen (95.48 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant SF3B2.

Immunogen	SF3B2 (AAH07610, 1 a.a. ~ 636 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDDPSVGPKIPQALEKILQLKESRQEEMNSQQEEEEEMETDARSSLGQSASETEEDTVSVSKKEK NRKRRNRKKKKKPKQVRGVSSSESSGDREKDSTRSRGSDSPAADVEIEYVTEPEIYEPNFIFFKRI FEAFKLTDDVKKEKEKEPEKLDKLENSAAPKKKGFEHHKSDDDSSDDEQEKKEAPKLSKK KLRRMNRFVLAELKQLVARPDVEMHDVTAQDPKLLVHLKATRNSVPVPRHWCFCRKYLGQKR GIEKPPFELPDFIKRTGIQEMREALQEKEEQKTMKSKMREKVRPKMGKIDIDYQKLHDAFFKWQTK PKLTIHGDLYYEGKEFETRLKEKKPGDLSDELRLSGMPVGPNAHKVPPPWLAMQRYGPPPSYP NLKIPGLNSPIPESCSFGYHAGGWGKPPVDETGKPLYGDVFGTNAAEFQTKTEEEEIDRTPWGEL EPSDEESSEEEEEESDEDKPDETGFIPTADSLITPGGFSSVPAGMETPELIELRKKKIEEAMD GSETPQLFTVLPEKRTATVGGAMMGSTHYDMSTVMSRKGAPELQGVEVALAPEELELDPMAM TQKYEEHVREQQAQVEKEDFSDMVAEHAQKQKQKRKAQPQDSRGGSKKYKEFKF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (95.48 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)

SF3B2 monoclonal antibody (M10), clone 2A2. Western Blot analysis of SF3B2 expression in HeLa S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to SF3B2 on HeLa cell . [antibody concentration 40 ug/ml]

Gene Info — SF3B2

Entrez GeneID [10992](#)

GeneBank Accession# [BC007610](#)

Protein Accession# [AAH07610](#)

Gene Name SF3B2

Gene Alias SAP145, SF3B145, SF3b1, SF3b150

Gene Description splicing factor 3b, subunit 2, 145kDa

Omim ID [605591](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations pre-mRNA splicing factor SF3b 145 kDa subunit|spliceosome associated protein 145|splicing factor 3B subunit 2