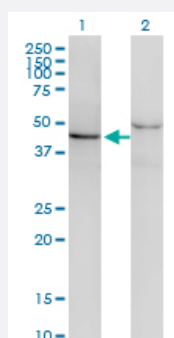


SF3B4 monoclonal antibody (M03), clone 1B8

Catalog # H00010262-M03

Size 100 ug

Applications

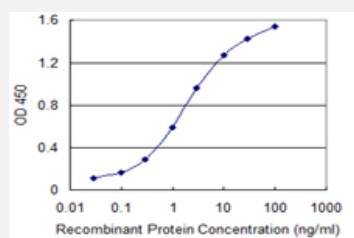


Western Blot (Transfected lysate)

Western Blot analysis of SF3B4 expression in transfected 293T cell line by SF3B4 monoclonal antibody (M03), clone 1B8.

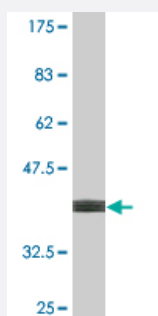
Lane 1: SF3B4 transfected lysate (44.4 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SF3B4 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SF3B4.

Immunogen	SF3B4 (NP_005841.1, 13 a.a. ~ 122 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ATVYVGGLDEKVSEPLLWELFLQAGPVVNTHMPKDRVTGQHQQGYGFVEFLSEEDADYAIKIMNMI KLYGKPIRVNKASAHNKNLDVGANIFIGNLDPEIDEKLLYDTFSA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Transfected lysate)

Western Blot analysis of SF3B4 expression in transfected 293T cell line by SF3B4 monoclonal antibody (M03), clone 1B8.

Lane 1: SF3B4 transfected lysate(44.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SF3B4 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SF3B4

Entrez GeneID	10262
GeneBank Accession#	NM_005850
Protein Accession#	NP_005841.1
Gene Name	SF3B4
Gene Alias	MGC10828, SAP49, SF3b49
Gene Description	splicing factor 3b, subunit 4, 49kDa
Omim ID	605593
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes one of four subunits of the splicing factor 3B. The protein encoded by this gene cross-links to a region in the pre-mRNA immediately upstream of the branchpoint sequence in pre-mRNA in the prespliceosomal complex A. It also may be involved in the assembly of the B, C and E spliceosomal complexes. In addition to RNA-binding activity, this protein interacts directly and highly specifically with subunit 2 of the splicing factor 3B. This protein contains two N-terminal RNA-recognition motifs (RRMs), consistent with the observation that it binds directly to pre-mRNA. [provided by RefSeq</p>
Other Designations	OTTHUMP00000014064 pre-mRNA splicing factor SF3b 49 kDa subunit spliceosomal protein spliceosome-associated protein (U2 snRNP) splicing factor 3b, subunit 4