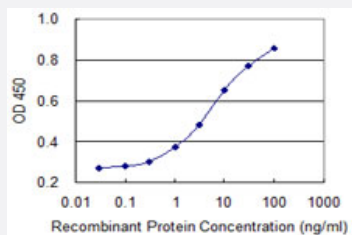


SF3B3 monoclonal antibody (M03), clone 2F1

Catalog # H00023450-M03

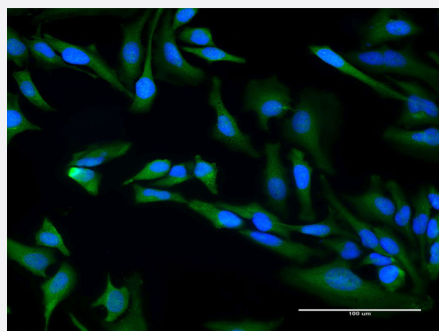
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SF3B3 is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to SF3B3 on HeLa cell . [antibody concentration 40 ug/ml]

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SF3B3.

Immunogen

SF3B3 (NP_036558.3, 819 a.a. ~ 929 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MAEEMVEAAGEDERELAAEMAAFLNENLPESIFGAPKAGNGQWASVIRVMNPIQGNTLDLVQL
EQNEAAFVAVCRFSNTGEDWYVLVGVAKDLILNPRSVAGGFVYTYK

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SF3B3 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to SF3B3 on HeLa cell . [antibody concentration 40 ug/ml]

Gene Info — SF3B3

Entrez GeneID	23450
GeneBank Accession#	NM_012426
Protein Accession#	NP_036558.3
Gene Name	SF3B3
Gene Alias	KIAA0017, RSE1, SAP130, SF3b130, STAF130
Gene Description	splicing factor 3b, subunit 3, 130kDa
Omim ID	605592
Gene Ontology	Hyperlink

Gene Summary

This gene encodes subunit 3 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 3 has also been identified as a component of the STAGA (SPT3-TAF(II)31-GCN5L acetylase) transcription coactivator-HAT (histone acetyltransferase) complex, and the TFTC (TATA-binding-protein-free TAF(II)-containing complex). These complexes may function in chromatin modification, transcription, splicing, and DNA repair. [provided by RefSeq]

Other Designations

pre-mRNA splicing factor SF3b, 130 kDa subunit|spliceosome-associated protein 130|splicing factor 3b, subunit 3

Disease

- [Tobacco Use Disorder](#)