

Mouse SF3B4 Monoclonal Antibody | anti-SF3B4 antibody

Mouse Monoclonal [clone 3A1] (IgG2b,k) to Human SF3B4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52531	Mouse	Bovine, Human, Mouse, Pig, Rat	Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

SF3B4; Monoclonal Antibody; Mouse Monoclonal [clone 3A1] (IgG2b; k) to Human SF3B4; Anti-SF3B4 Antibody (clone 3A1) IHC-plus; AFD1; Hsh49; SAP 49; Spliceosomal protein; SF3b50; SAP49; SF3b49; Splicing factor 3B subunit 4; Human SF3B4; anti-SF3B4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Bovine, Human, Mouse, Pig, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	3A1
Specificity	Clone 3A1 is known to react with SF3B4 from human, cow, pig, mouse, rat and other mammals. Since the SF3B4 protein sequence is highly conserved across species barriers, it is likely that the antibody is effective on many other species also.
Purity/Purification	Affinity Purified
Form/Format	PBS, 10 mM sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	424
Applicable Applications for anti-SF3B4 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Full length recombinant human SF3B4 expressed in and purified from E Coli.
Immunogen Type	Recombinant protein
Immunogen	SF3B4 antibody was raised against full length recombinant human SF3B4 expressed in and purified from E Coli.
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Blots of HeLa cell crude extract stained with SF3B4 antibody. SF3B4 runs with an apparent SDS-PAGE molecular weight 49kDa.



ICC (Immunocytochemistry)

Human HeLa cells stained with SF3B4 antibody (red), chicken antibody to vimentin (green) and DNA (blue, stained with DAPI). The SF3B4 antibody reveals strong granular nuclear staining which is a little different from the DNA stain and presumably reflects spliceosomal complexes. The vimentin antibody stains the cytoplasmic intermediate filament network of the HeLa cells.



IHC (Immunohistochemistry)

Anti-SF3B4 antibody IHC staining of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032069
NCBI GeneID	10262
NCBI Accession #	NP_005841.1
NCBI GenBank Nucleotide #	NM_005850.4
UniProt Accession #	Q15427; Q5SZ63
Molecular Weight	44,386 Da
NCBI Official Full Name	splicing factor 3B subunit 4
NCBI Official Synonym Full Names	splicing factor 3b, subunit 4, 49kDa
NCBI Official Symbol	SF3B4
NCBI Official Synonym Symbols	AFD1; Hsh49; SAP49; SF3b49
NCBI Protein Information	splicing factor 3B subunit 4; SAP 49; SF3b50; spliceosomal protein; spliceosome-associated protein 49; splicing factor 3b, subunit 4, 49kD; spliceosome-associated protein (U2 snRNP); pre-mRNA-splicing factor SF3b 49 kDa subunit
UniProt Protein Name	Splicing factor 3B subunit 4
UniProt Gene Name	SF3B4
UniProt Synonym Gene Names	SAP49; SAP 49
UniProt Entry Name	SF3B4_HUMAN

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/sf3b4-antibody-clone-3a1-western-blot-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/52531>