SF3B3 Rabbit mAb

Catalog No: #52572

Package Size: #52572-1 50ul   #52572-2 100ul

Description

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Product Name	SF3B3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-2K8
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human SF3B3
Conjugates	Unconjugated
Modification	Unmodification
Other Names	RSE1; SAP130; SF3b130; STAF130
Accession No.	Swiss-Prot:Q15393GeneID:23450
Uniprot	Q15393
GeneID	23450
Calculated MW	Calculated MW: 136 kDa; Observed MW: 136 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000; ICC/IF: 1/50;

Images
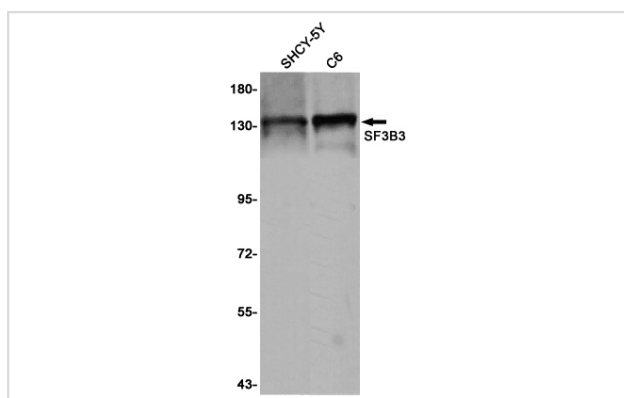
Western blot detection of SF3B3 in SHSY-5Y,C6 cell lysates using SF3B3 Rabbit mAb(1:1000 diluted).Predicted band size:136KDa.Observed band size:136KDa.

Immunocytochemistry of SF3B3(green) in Hela cells using SF3B3 Rabbit mAb at dilution 1/50, and DAPI(blue)
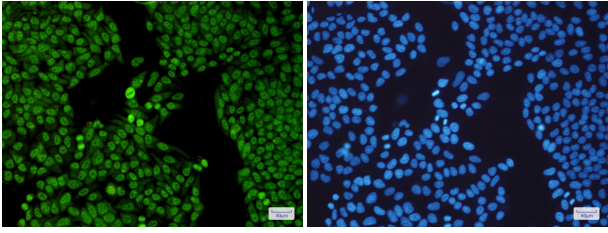
Background

Swiss-Prot Acc.Q15393.Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex, a constituent of the spliceosome (PubMed:10490618, PubMed:10882114, PubMed:27720643, PubMed:28781166). SF3B complex is required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Sequence independent binding of SF3A/SF3B complex upstream of the branch site is essential, it may anchor U2 snRNP to the pre-mRNA (PubMed:12234937). May also be involved in the assembly of the 'E' complex (PubMed:10882114). Belongs also to the minor U12-dependent spliceosome, which is involved in the splicing of rare class of nuclear pre-mRNA intron (PubMed:15146077).

Note: This product is for in vitro research use only