

For Research Use Only

# SF3B4 Recombinant antibody

Catalog Number: 85663-5-RR



## Basic Information

<b>Catalog Number:</b> 85663-5-RR	<b>GenBank Accession Number:</b> BC004273	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10262	<b>CloneNo.:</b> 243098D11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q15427	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> splicing factor 3b, subunit 4, 49kDa	
<b>Immunogen Catalog Number:</b> AG0737	<b>Calculated MW:</b> 44 aa, 3 kDa	
	<b>Observed MW:</b> 49 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HEK-293T cells, Jurkat cells, U2OS cells, COLO 205 cells, NIH/3T3 cells, C6 cells
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

SF3B4, also named as Pre-mRNA-splicing factor SF3b 49 kDa subunit, is a 424 amino acid protein, which belongs to the SF3B4 family. SF3B4 is a subunit of the splicing factor SF3B required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. SF3B4 has been found in complex 'B' and 'C' as well. Belongs also to the minor U12-dependent spliceosome, which is involved in the splicing of rare class of nuclear pre-mRNA intron. The calculated molecular weight of SF3B4 is 44 kDa. Based on its predicted molecular mass and the observed migration of the 50kDa cross-linked species on two-dimensional gels.(PMID: 9614130)

## Storage

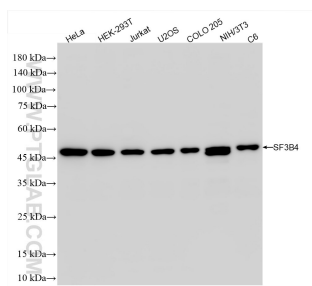
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85663-5-RR (SF3B4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.