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## anti-SF3B1 antibody



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Overview		
Quantity:	50 μL	
Target:	SF3B1	
Reactivity:	Human, Mouse, Hamster	
Host:	Rabbit	
Clonality:	Monoclonal	
Conjugate:	This SF3B1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Clone:	R08-612	
Isotype:	IgG	
Purification:	Affinity Purified	
Target Details		
Target:	SF3B1	
Alternative Name:	SF3B1 (SF3B1 Products)	
Background:	SF3B1,Hsh155,MDS,PRP10,PRPF10,SAP155,SF3b155,This gene encodes subunit 1 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	

#### **Target Details**

	a component of the minor U12-type spliceosome. The carboxy-terminal two-thirds of subunit 1 have 22 non-identical, tandem HEAT repeats that form rod-like, helical structures. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight:	Observed_MW: 146kDa Calculated_MW: 146kDa
Gene ID:	23451
UniProt:	075533
Pathways:	Chromatin Binding

## Application Details

Application Notes:	WB 1:500-1:1000 IHC 1:50-1:100
Restrictions:	For Research Use only

## Handling

Concentration:	300 μg/mL	
Buffer:	50 mM Tris-Glycine( pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	