

Immunotag™ Phospho-SF3B1 (Thr313) Antibody

Antibody Specification	
Catalog No.	ITA0729
Product Description	Immunotag™ Phospho-SF3B1 (Thr313) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-SF3B1 (Thr313)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SF3B1 around the phosphorylation site of Thr313.
Specificity	Phospho-SF3B1 (Thr313) Antibody detects endogenous levels of SF3B1.
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SF3B1
Accession No.	O75533
Alternate Names	Hsh 155; MDS; Pre mRNA processing 10; Pre mRNA splicing factor SF3b 155 kDa subunit; PRP 10; PRP10; PRPF 10; PRPF10; SAP 155; SAP155; SF3B 1; SF3b155; Spliceosome associated protein 155; Splicing factor 3b subunit 1 155kDa; Splicing factor 3B subunit 1;

Antibody Specification

Description	Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex (PubMed:27720643). 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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	155kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.