

For Research Use Only

HNRNPA2B1 Recombinant monoclonal antibody

Catalog Number: 86713-1-MR



Basic Information

Catalog Number: 86713-1-MR	GenBank Accession Number: BC000506	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3181	CloneNo.: V3H6F7F2
Source: Mouse	UNIPROT ID: P22626	Recommended Dilutions: WB: 1:2000-1:10000 IHC: 1:7500-1:30000 IF/ICC: 1:250-1:1000
Isotype: IgG2a	Full Name: heterogeneous nuclear ribonucleoprotein A2/B1	
Immunogen Catalog Number: AG6699	Calculated MW: 37 kDa	
	Observed MW: 34, 36 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human colon tissue,
	IF/ICC : HeLa cells, HepG2 cells

Background Information

HnRNP2B1 is one of the heterogeneous nuclear ribonucleoproteins (HnRNPs), which regulate the splicing and transportation of mRNA. It has a role in packaging nascent mRNA, alternative splicing, cytoplasmic RNA trafficking, translation, and stabilization. Besides it may involve in telomere maintenance, cell proliferation and differentiation, and glucose transport. Gene HURNPA2B1 encodes two proteins, HNRNPA2 (36kd) and HNRNPB1 (38kd), by alternative splicing.

Storage

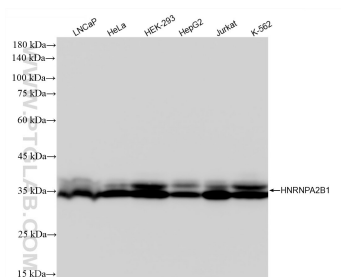
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

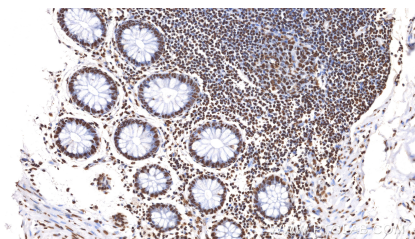
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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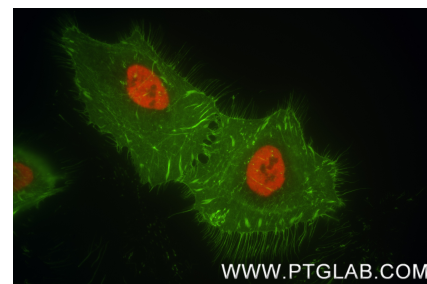
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86713-1-MR (HNRNPA2B1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 86713-1-MR (HNRNPA2B1 antibody) at dilution of 1:15000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPA2B1 antibody (86713-1-MR, Clone: V3H6F7F2) at dilution of 1:500 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM004), CL594-Phalloidin (red).