

For Research Use Only

HNRNPA2B1 Recombinant antibody, PBS Only

Catalog Number: 83773-7-PBS



Basic Information

Catalog Number: 83773-7-PBS	GenBank Accession Number: BC000506	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3181	CloneNo.: 240831E3
Source: Rabbit	UNIPROT ID: P22626	
Isotype: IgG	Full Name: heterogeneous nuclear ribonucleoprotein A2/B1	
Immunogen Catalog Number: AG6563	Calculated MW: 37 kDa	
	Observed MW: 36 kDa, 38 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:
human, mouse, rat

Background Information

HnRNPA2B1 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

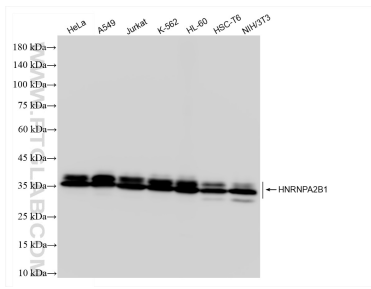
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

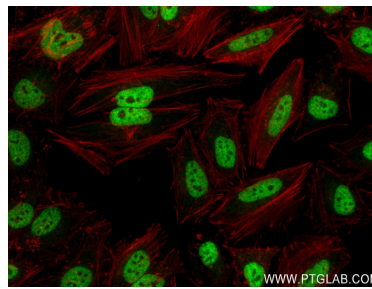
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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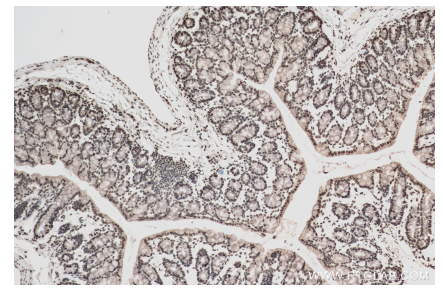
Selected Validation Data



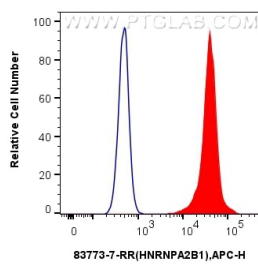
Various lysates were subjected to SDS PAGE followed by western blot with 83773-7-RR (HNRNPA2B1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83773-7-PBS in a different storage buffer formulation.



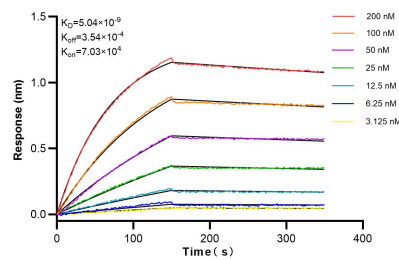
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPA2B1 antibody (83773-7-RR, Clone: 240831E3) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83773-7-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 83773-7-RR (HNRNPA2B1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83773-7-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug HNRNPA2B1 Recombinant antibody (83773-7-RR, Clone:240831E3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100. This data was developed using the same antibody clone with 83773-7-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83773-7-RR against Human HNRNPA2B1 were performed. The affinity constant is 5.04 nM.