

For Research Use Only

KHSRP Recombinant antibody

Catalog Number: 82931-5-RR



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
82931-5-RR	NM_003685	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	8570	230189A2
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q92945	IHC 1:200-1:800
Isotype:	Full Name:	IF/ICC 1:150-1:600
IgG	KH-type splicing regulatory protein	
Immunogen Catalog Number:	Calculated MW:	
AG33890	73 kDa	

Applications

Tested Applications:	Positive Controls:
IHC, IF/ICC, FC (Intra), ELISA	
Species Specificity:	IHC : human intrahepatic cholangiocarcinoma tissue,
human	IF/ICC : HeLa cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

KHSRP, also named as FUBP2, KSRP, and p75, belongs to the KHSRP family. It binds to the dendritic targeting element and may play a role in mRNA trafficking. KHSRP is a part of a ternary complex that binds to the downstream control sequence (DCS) of the pre-mRNA. It mediates exon inclusion in transcripts that are subject to tissue-specific alternative splicing. KHSRP may interact with single-stranded DNA from the far-upstream element (FUSE). May activate gene expression. It is involved in the degradation of inherently unstable mRNAs that contain AU-rich elements (AREs) in their 3'-UTR, possibly by recruiting degradation machinery to ARE-containing mRNAs.

Storage

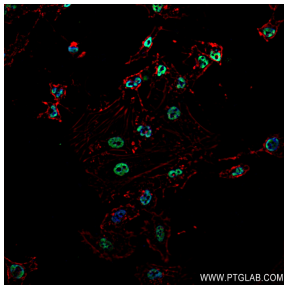
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

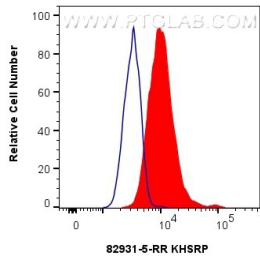
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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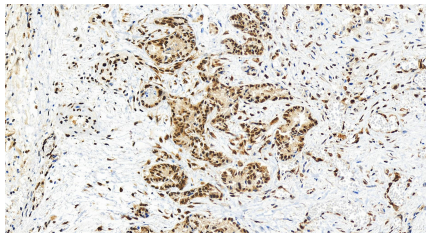
Selected Validation Data



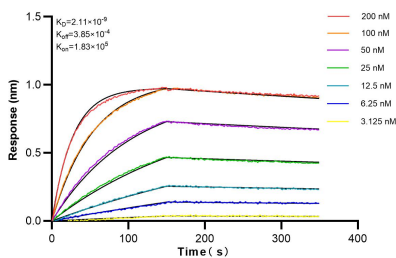
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using KHSRP antibody (82931-5-RR, Clone: 230189A2) at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red).



1x10⁶ HeLa cells were intracellularly stained with 0.2 ug KHSRP Recombinant antibody (82931-5-RR, Clone:230189A2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.2 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 82931-5-RR (KHSRP antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 82931-5-RR against Human KHSRP were performed. The affinity constant is 2.11 nM.