

KHSRP Recombinant antibody

Catalog Number: 82931-5-RR

Basic Information

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

Applications

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

Species Specificity:
human

Positive Controls:

IHC : human intrahepatic cholangiocarcinoma tissue,
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.

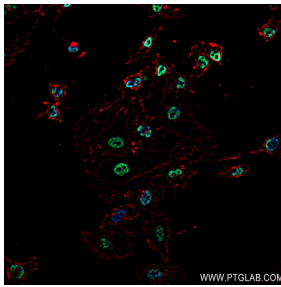
Storage

Storage:
Store at -20°C. Stable for one year after shipment.

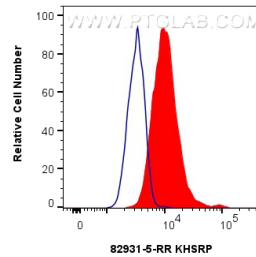
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

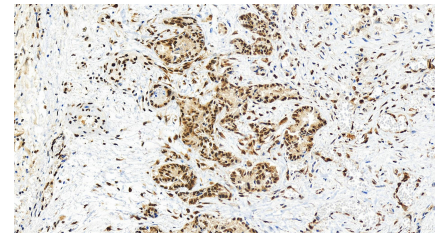
Selected Validation Data



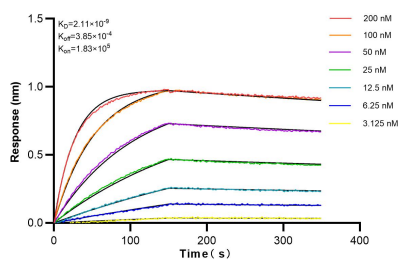
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using KHSRP antibody (82931-5-RR, Clone: 230189A2) at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red).



1×10^6 HeLa cells were intracellularly stained with 0.2 μ g 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 μ g 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.