

For Research Use Only

INTS5 Recombinant antibody

Catalog Number: 83154-1-RR



Basic Information

Catalog Number: 83154-1-RR	GenBank Accession Number: BC060841	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 80789	CloneNo.: 230462B10
Source: Rabbit	UNIPROT ID: Q6P9B9	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:50-1:500
Isotype: IgG	Full Name: integrator complex subunit 5	
Immunogen Catalog Number: AG5129	Calculated MW: 108 kDa	
	Observed MW: 108 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HeLa cells, NIH/3T3 cells, HCT-116 cells, HT-29 cells, SKOV-3 cells
	IF/ICC : U2OS cells,

Background Information

INTS5, also named as INT5 and KIAA1698, is a component of the Integrator complex which involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing. The Integrator complex is associated with the C-terminal domain (CTD) of RNA polymerase II largest subunit (POLR2A) and is recruited to the U1 and U2 snRNAs genes.

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

For technical support and original validation data for this product please contact:

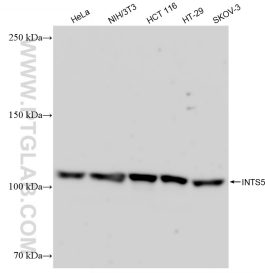
T: 4006900926

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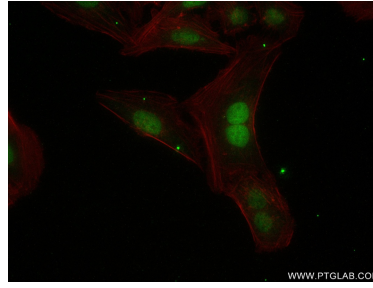
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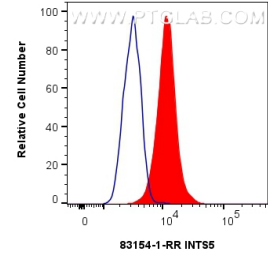
Selected Validation Data



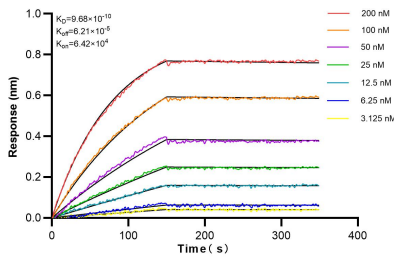
Various lysates were subjected to SDS PAGE followed by western blot with 83154-1-RR (INTS5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using INTS5 antibody (83154-1-RR, Clone: 230462B10) at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1x10⁶ HeLa cells were intracellularly stained with 0.4 ug INTS5 Recombinant antibody (83154-1-RR, Clone:230462B10) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.4 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Biolayer interferometry (BLI) kinetic assays of 83154-1-RR against Human INTS5 were performed. The affinity constant is 0.968 nM.