

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: 100ul , Concentration: 1000 ug/ml by Nanodrop;	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

Species Specificity:
human, mouse

Positive Controls:
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.

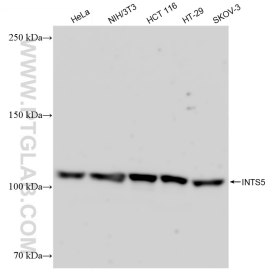
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

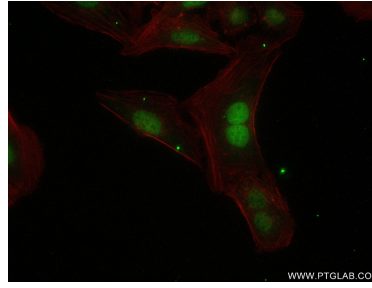
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

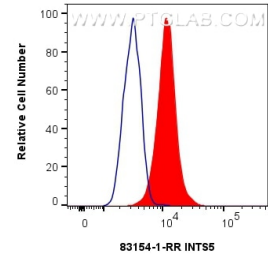
Selected Validation Data



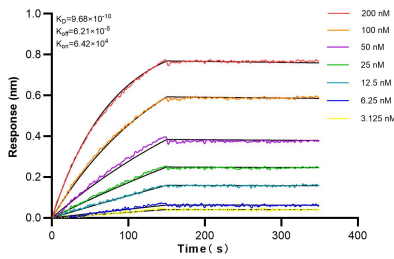
Various lysates were subjected to SDS PAGE followed by western blot with 83154-1-RR (INTS5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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.