

INTS4 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83590-5-PBS

Basic Information

Catalog Number: 83590-5-PBS	GenBank Accession Number: BC009995	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 92105	CloneNo.: 240579H4
Source: Rabbit	UNIPROT ID: Q96HW7	
Isotype: IgG	Full Name: integrator complex subunit 4	
Immunogen Catalog Number: AG9116	Calculated MW: 963aa,108 kDa; 505aa,57 kDa	

Applications

Tested Applications:
IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83590-5-PBS targets INTS4 as part of a matched antibody pair:

MP00580-1: 83590-5-PBS capture and 83590-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

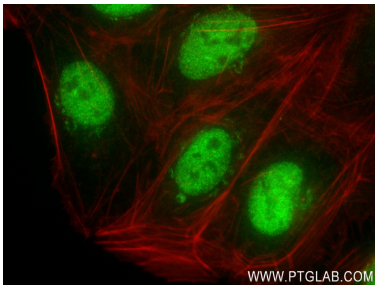
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

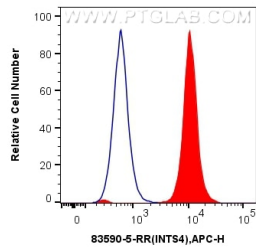
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

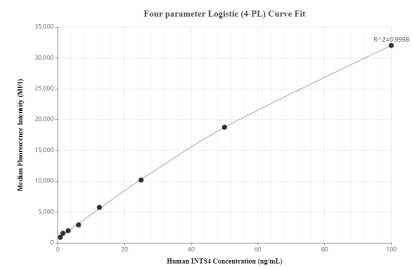
Selected Validation Data



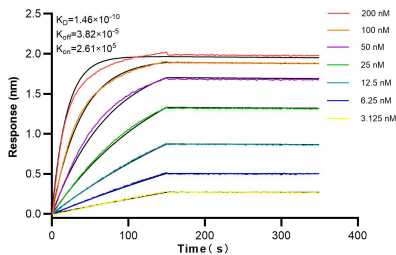
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using INTS4 antibody (83590-5-RR, Clone: 240579H4) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83590-5-PBS in a different storage buffer formulation.



1x10⁶ A431 cells were intracellularly stained with 0.25 ug INTS4 Recombinant antibody (83590-5-RR, Clone:240579H4) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83590-5-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00580-1, INTS4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83590-5-PBS. Detection antibody: 83590-2-PBS. Standard: Ag9116. Range: 0.78-100 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83590-5-RR against Human INTS4 were performed. The affinity constant is 0.146 nM.