

For Research Use Only

# INTS4 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83590-5-PBS

## Basic Information

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

## Applications

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

**Species Specificity:**  
human

## Background Information

### Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

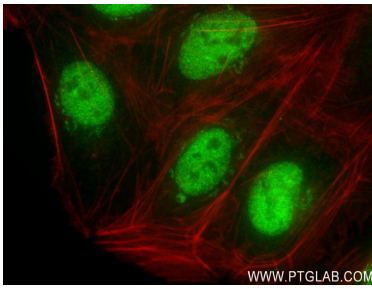
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

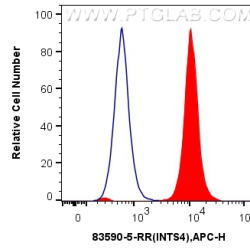
W: [ptgcn.com](http://ptgcn.com)

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

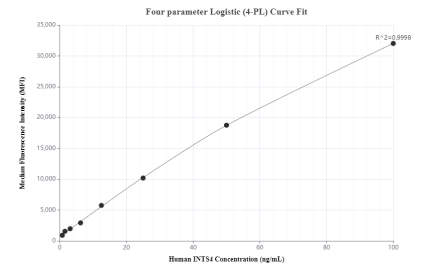
## Selected Validation Data



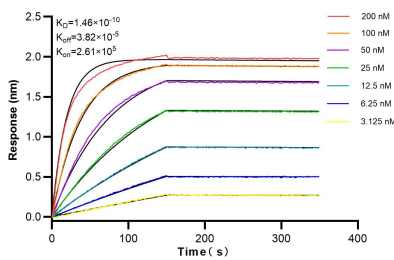
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using INTS4 antibody (83590-5-RR, Clone: 240579H4) at dilution of 1:250 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83590-5-PBS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



$1 \times 10^6$  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.



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