

For Research Use Only

# TRIP4 Recombinant monoclonal antibody, PBS Only

Catalog Number:88025-1-PBS



## Basic Information

<b>Catalog Number:</b> 88025-1-PBS	<b>GenBank Accession Number:</b> BC012448	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9325	<b>CloneNo.:</b> 260262F12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q15650	
<b>Isotype:</b> IgG	<b>Full Name:</b> thyroid hormone receptor interactor 4	
<b>Immunogen Catalog Number:</b> AG2987	<b>Calculated MW:</b> 581 aa, 66 kDa	
	<b>Observed MW:</b> 60-65 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

Thyroid hormone receptor interactor 4 (TRIP4), other named ASC1, is a transcriptional coactivator that promote transcriptional efficiencies. It harbors an autonomous transactivation domain that contains a putative zinc finger motif, which serves as a binding site for nuclear receptors for thyroid, estrogen, all-trans-retinoic acid and RXR by interaction with SRC-1 or CBP/p300. There are two forms of ASC1 have been detected in mRNA level, isoform1(581aa, ~65kd) and isoform2(539aa, ~60kd)(12077347,12390891)

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

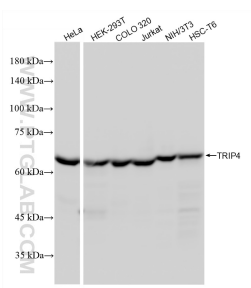
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

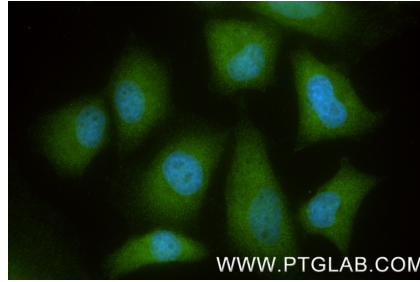
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

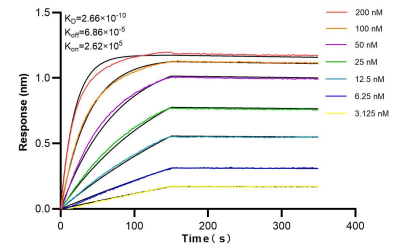
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88025-1-RR (TRIP4) antibody at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88025-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TRIP4 antibody (88025-1-RR, Clone: 260262F12) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 88025-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 88025-1-RR against Human TRIP4 were performed. The affinity constant is 0.266 nM.