

For Research Use Only

TRIP4 Recombinant monoclonal antibody

Catalog Number:88025-1-RR



Basic Information

Catalog Number: 88025-1-RR	GenBank Accession Number: BC012448	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9325	CloneNo.: 260262F12
Source: Rabbit	UNIPROT ID: Q15650	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: thyroid hormone receptor interactor 4	
Immunogen Catalog Number: AG2987	Calculated MW: 581 aa, 66 kDa	
	Observed MW: 60-65 kDa	

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HeLa cells, HEK-293T cells, COLO 320 cells, Jurkat cells, NIH/3T3 cells, HSC-T6 cells

IF/ICC : HeLa cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

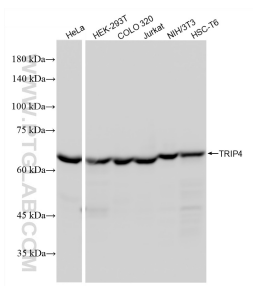
For technical support and original validation data for this product please contact:

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

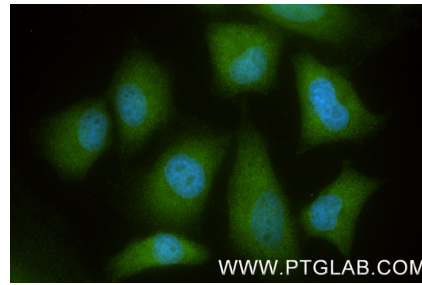
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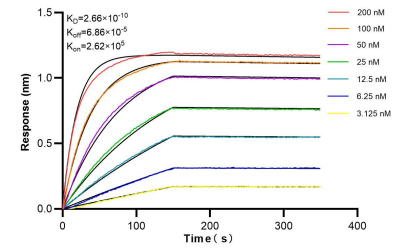
Selected Validation Data



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.



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).



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