

For Research Use Only

RXRB Recombinant antibody

Catalog Number: 84656-4-RR



Basic Information

Catalog Number: 84656-4-RR	GenBank Accession Number: BC001167	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6257	CloneNo.: 242178D4
Source: Rabbit	UNIPROT ID: P28702	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: retinoid X receptor, beta	
Immunogen Catalog Number: AG0263	Calculated MW: 57 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls: WB : SK-BR-3 cells, K-562 cells IF/ICC : MCF-7 cells,
Species Specificity: human	

Background Information

Retinoid X Receptor beta (RXRB) is a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the effects of retinoic acid. RXRB heterodimerizes with other nuclear hormone receptors, such as RAR, the thyroid hormone receptor, and the vitamin D3 receptor, to enhance binding to their cognate response elements. (PMID: 8257090)

Storage

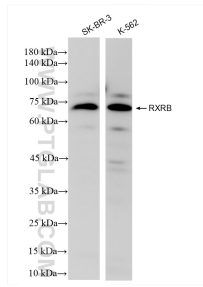
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

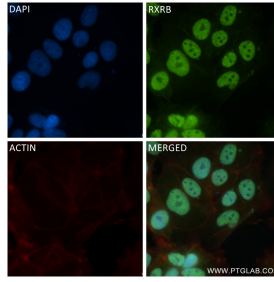
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

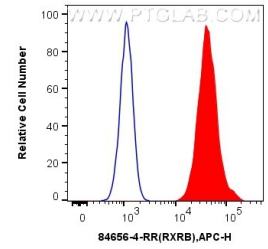
Selected Validation Data



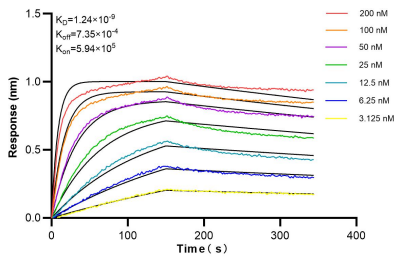
Various lysates were subjected to SDS PAGE followed by western blot with 84656-4-RR (RXRB antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using RXRB antibody (84656-4-RR, Clone: 242178D4) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1×10^6 HeLa cells were intracellularly stained with 0.25 μ g RXRB Recombinant antibody (84656-4-RR, Clone:242178D4) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Bi-layer interferometry (BLI) kinetic assays of 84656-4-RR against Human RXRB were performed. The affinity constant is 1.24 nM.