

For Research Use Only

RARA Recombinant monoclonal antibody

Catalog Number: 88230-1-RR



Basic Information

Catalog Number: 88230-1-RR	GenBank Accession Number: BC008727	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5914	CloneNo.: 260537D9
Source: Rabbit	UNIPROT ID: P10276	Recommended Dilutions: WB: 1:500-1:2000 IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: retinoic acid receptor, alpha	
Immunogen Catalog Number: AG0420	Calculated MW: 51 kDa	
	Observed MW: 50-60 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : MCF-7 cells, T-47D cells IF/ICC : A549 cells,

Background Information

Retinoic acid receptors (RARs) function as nuclear receptors that control gene expression in response to binding of the ligand retinoic acid (RA). Retinoic acid receptor alpha (RARα), also known as NR1B1 (nuclear receptor subfamily 1, group B, member 1), plays an essential role in the regulation of retinoic acid-induced germ cell development during spermatogenesis. Formation of a complex with histone deacetylases might lead to inhibition of RARE DNA element binding and to transcriptional repression (PubMed:28167758). Transcriptional activation and RARE DNA element binding might be supported by the transcription factor KLF2 (PubMed:28167758).

Storage

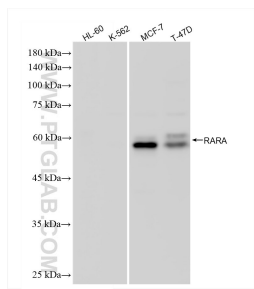
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

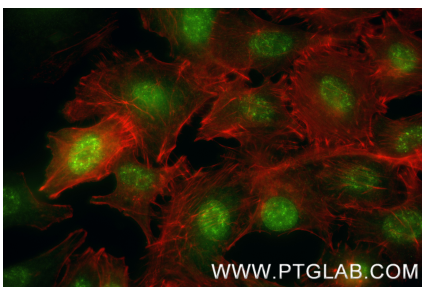
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 88230-1-RR (RARA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using RARA antibody (88230-1-RR, Clone: 260537D9) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).