

For Research Use Only

RARA Recombinant monoclonal antibody, PBS Only

Catalog Number: 88230-1-PBS



Basic Information

Catalog Number: 88230-1-PBS	GenBank Accession Number: BC008727	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5914	CloneNo.: 260537D9
Source: Rabbit	UNIPROT ID: P10276	
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, Indirect ELISA

Species Specificity:
human

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

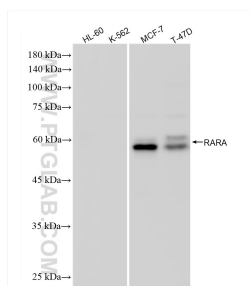
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

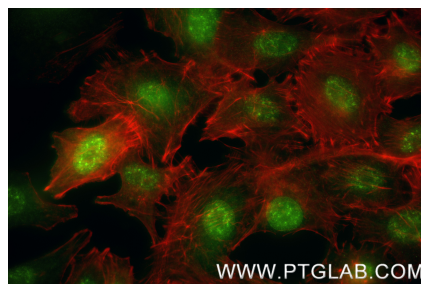
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 88230-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 88230-1-PBS in a different storage buffer formulation.