

For Research Use Only

RARA Recombinant monoclonal antibody, PBS Only

Catalog Number: 88230-1-PBS



Basic Information

Catalog Number:

88230-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0420

GenBank Accession Number:

BC008727

GeneID (NCBI):

5914

UNIPROT ID:

P10276

Full Name:

retinoic acid receptor, alpha

Calculated MW:

51 kDa

Observed MW:

50-60 kDa

Purification Method:

Protein A purification

CloneNo.:

260537D9

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 (RAR α), 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

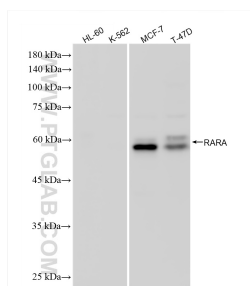
T: 4006900926

E: Proteintech-CN@ptglab.com

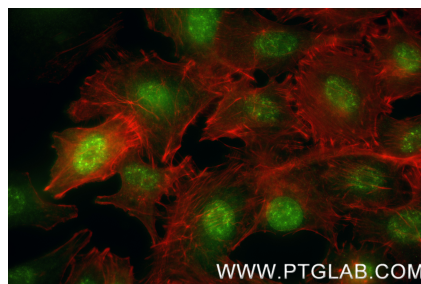
W: ptgcn.com

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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.