

RARB Monoclonal antibody

Catalog Number: 60119-1-Ig

Basic Information

Catalog Number:

60119-1-Ig

Size:

150ul , Concentration: 500 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6013

GenBank Accession Number:

BC060794

GeneID (NCBI):

5915

UNIPROT ID:

P10826

Full Name:

retinoic acid receptor, beta

Calculated MW:

50 kDa

Purification Method:

Antigen affinity purification

CloneNo.:

3G9F11

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF7 cells,

Background Information

Retinoic acid receptors (RARs) are important mediators of retinoid signaling in morphogenesis, development, and cell differentiation. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes [PMID:12554770]. They can bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. In the absence or presence of hormone ligand, they act mainly as activators of gene expression due to weak binding to corepressors. In concert with RARG, RARs are required for skeletal growth, matrix homeostasis and growth plate function. RARB is one isotypes of RARs [PMID:12834868]

Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

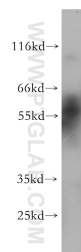
***** 20ul sizes contain 0.1% BSA**

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

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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



MCF7 cells were subjected to SDS PAGE followed by western blot with 60119-1-Ig (RARB antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.