

For Research Use Only

RARB Monoclonal antibody

Catalog Number: 60119-1-Ig



Basic Information

Catalog Number: 60119-1-Ig	GenBank Accession Number: BC060794	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5915	CloneNo.: 3G9F11
Source: Mouse	Full Name: retinoic acid receptor, beta	Recommended Dilutions: WB 1:200-1:1000
Isotype: IgG1	Calculated MW: 50 kDa	
Immunogen Catalog Number: AG6013		

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : MCF7 cells,
Species Specificity: human	

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:
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



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