

For Research Use Only

RARG Recombinant antibody, PBS Only (Detector)

Catalog Number: 86098-1-PBS



Basic Information

Catalog Number: 86098-1-PBS	GenBank Accession Number: BC019098	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5916	CloneNo.: 250399C1
Source: Rabbit	UNIPROT ID: P13631	
Isotype: IgG	Full Name: retinoic acid receptor, gamma	
Immunogen Catalog Number: AG1991	Calculated MW: 454 aa, 50 kDa	
	Observed MW: 50-60kDa	

Applications

Tested Applications:
WB, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86098-1-PBS targets RARG as part of a matched antibody pair:

MP02317-1: 86098-2-PBS capture and 86098-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

Retinoic acid receptors (RARs) are nuclear hormone receptors that act as ligand-dependent transcriptional regulators. In their liganded state, RARs activate transcription, whereas in their nonliganded form, they repress transcription of their target genes. RARs have numerous target genes, which have retinoic response elements in their promoter regions (PMID:17574023). RARG is a member of the retinoid acid receptor (RAR) family, along with RARA, which is known to be involved PML/RARA fusion of acute promyelocytic leukemia, and RARB. and rearrangement that conferred to leukemic cells acute promyelocytic leukemia-like morphologic and immunophenotypic features (PMID:20935257).

Storage

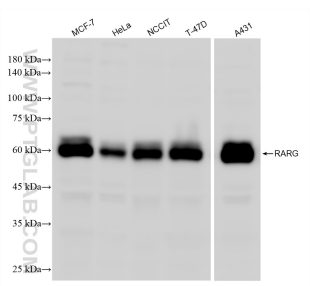
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

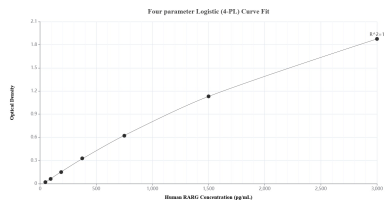
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

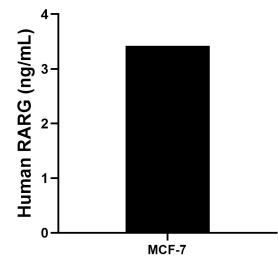
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86098-1-RR (RARG antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86098-1-PBS in a different storage buffer formulation.



Sandwich ELISA standard curve of MP02317-1, Human RARG Recombinant Matched Antibody Pair - PBS only. 86098-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1991. 86098-1-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL.



The mean RARG concentration was determined to be 3.4 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.