

For Research Use Only

PPARGC1B Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86997-3-PBS



Basic Information

Catalog Number: 86997-3-PBS	GenBank Accession Number: BC132971	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 133522	CloneNo.: 252087B12
Source: Rabbit	UNIPROT ID: Q86YN6	
Isotype: IgG	Full Name: peroxisome proliferator-activated receptor gamma, coactivator 1 beta	
Immunogen Catalog Number: AG17566	Calculated MW: 1023 aa, 113 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86997-3-PBS targets PPARGC1B as part of a matched antibody pair:

MP02897-1: 86997-3-PBS capture and 86997-2-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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

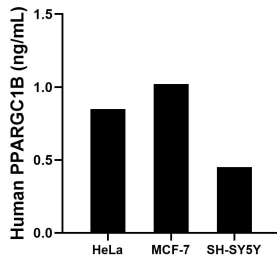
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

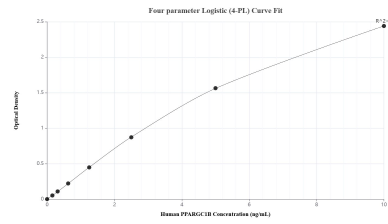
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean PPARGC1B concentration was determined to be 0.85 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 1.02 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load and 0.45 ng/mL in SH-SY5Y cell extract based on a 1.40 mg/mL extract load.



Sandwich ELISA standard curve of MP02897-1, Human PPARGC1B Recombinant Matched Antibody Pair - PBS only. 86997-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17566. 86997-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL