

For Research Use Only

PPARGC1B Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02897-1

Capture Antibody Information

Catalog Number:
86997-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252087B12
Reactivity:
human
GenBank:
BC132971
Immunogen Catalog Number:
Ag17566

Conjugate:
Unconjugated
Full name:
peroxisome proliferator-activated receptor gamma, coactivator 1 beta
Gene ID:
133522

Detection Antibody Information

Catalog Number:
86997-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252087H2
Reactivity:
human
GenBank:
BC132971
Immunogen Catalog Number:
Ag17566

Conjugate:
Unconjugated
Full name:
peroxisome proliferator-activated receptor gamma, coactivator 1 beta
Gene ID:
133522

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02897-1 targets PPARGC1B in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PPARGC1B Recombinant monoclonal antibody, PBS Only (Capture) 86997-3-PBS (252087B12). 100 µg. Concentration 1 mg/mL.

Detection antibody: PPARGC1B Recombinant monoclonal antibody, PBS Only (Detector) 86997-2-PBS (252087H2). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

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

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

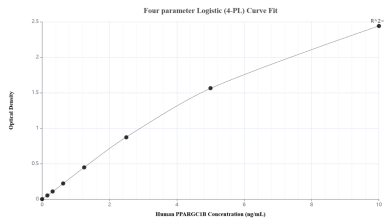
T: 4006900926

E: Proteintech-CN@ptglab.com

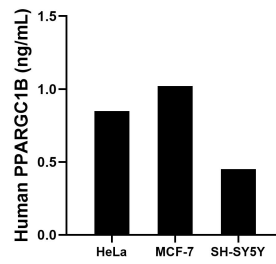
W: ptgcn.com

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

Selected Validation Data



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



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.