

For Research Use Only

SLC16A3/MCT4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01590-3

Capture Antibody Information

Catalog Number:
84797-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242296C11
Reactivity:
human
Immunogen Catalog Number:
Ag18788

Conjugate:
Unconjugated
Full name:
solute carrier family 16, member 3 (monocarboxylic acid transporter 4)
Gene ID:
9123

Detection Antibody Information

Catalog Number:
84797-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242296G7
Reactivity:
human
GenBank:
BC112269
Immunogen Catalog Number:
Ag18788

Conjugate:
Unconjugated
Full name:
solute carrier family 16, member 3 (monocarboxylic acid transporter 4)
Gene ID:
9123

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 pg/mL (Sandwich ELISA)

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

Product Information

MP01590-3 targets SLC16A3/MCT4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SLC16A3 Recombinant monoclonal antibody, PBS Only (Capture) 84797-6-PBS (242296C11). 100 µg. Concentration 1 mg/mL.

Detection antibody: MCT4 Recombinant monoclonal antibody, PBS Only (Detector) 84797-3-PBS (242296G7). 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.

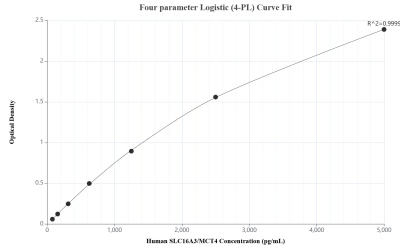
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

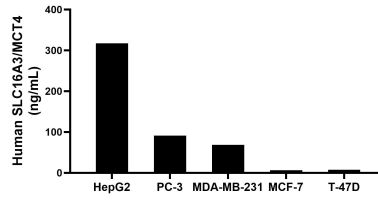
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Sandwich ELISA standard curve of MP01590-3, Human SLC16A3/MCT4 Recombinant Matched Antibody Pair - PBS only. 84797-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag18788. 84797-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean SLC16A3/MCT4 concentration was determined to be 317.3 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 91.0 ng/mL in PC-3 cell extract based on a 1.2 mg/mL extract load, 68.6 ng/mL in MDA-MB-231 cell extract based on a 1.2 mg/mL extract load, 6.2 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load and 7.5 ng/mL in T-47D cell extract based on a 1.2 mg/mL extract load.