

CPT1A Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02798-1

Capture Antibody Information

Catalog Number:
82012-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251085B7

Reactivity:
human

GenBank:
BC000185

Immunogen Catalog Number:
Ag7202

Conjugate:
Unconjugated

Full name:
carnitine palmitoyltransferase 1A (liver)

Gene ID:
1374

Detection Antibody Information

Catalog Number:
82012-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251085G7

Reactivity:
human

GenBank:
BC000185

Immunogen Catalog Number:
Ag7202

Conjugate:
Unconjugated

Full name:
carnitine palmitoyltransferase 1A (liver)

Gene ID:
1374

Applications

Tested Applications:
Cytometric bead array

Range:
0.312-40 ng/mL (Cytometric Bead Array)

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

Product Information

MP02798-1 targets CPT1A in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: CPT1A Recombinant monoclonal antibody, PBS Only (Capture) 82012-4-PBS (251085B7). 100 µg. Concentration 1 mg/mL.

Detection antibody: CPT1A Recombinant monoclonal antibody, PBS Only (Detector) 82012-3-PBS (251085G7). 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.

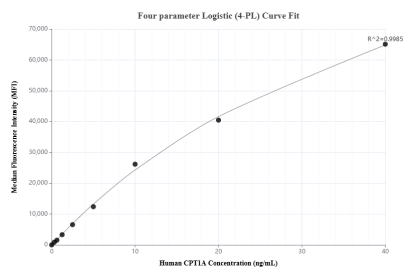
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

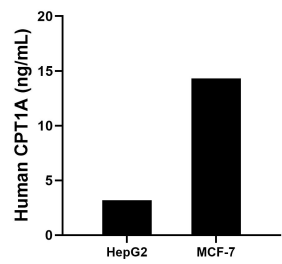
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

Selected Validation Data



Cytometric bead array standard curve of MP02798-1, CPT1A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82012-4-PBS. Detection antibody: 82012-3-PBS. Standard: Ag7202. Range: 0.312-40 ng/mL



The mean CPT1A concentration was determined to be 3.2 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 14.3 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.