

CARNS1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP03490-1

Capture Antibody Information

Catalog Number:
88342-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260860B7
Reactivity:
human
GenBank:
BC036557
Immunogen Catalog Number:
Ag22761

Conjugate:
Unconjugated
Full name:
ATP-grasp domain containing 1
Gene ID:
57571

Detection Antibody Information

Catalog Number:
88342-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260860A4
Reactivity:
human
GenBank:
BC036557
Immunogen Catalog Number:
Ag22761

Conjugate:
Unconjugated
Full name:
ATP-grasp domain containing 1
Gene ID:
57571

Applications

Tested Applications:
Cytometric bead array

Range:
0.625-80 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

MP03490-1 targets CARNS1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: ATPGD1 Recombinant monoclonal antibody, PBS Only (Capture) 88342-1-PBS (260860B7). 100 µg. Concentration 1 mg/mL.

Detection antibody: ATPGD1 Recombinant monoclonal antibody, PBS Only (Detector) 88342-2-PBS (260860A4). 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.

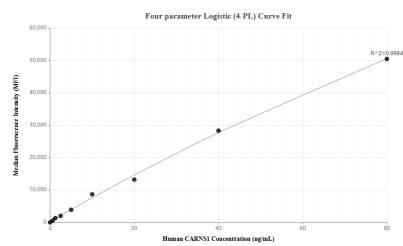
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

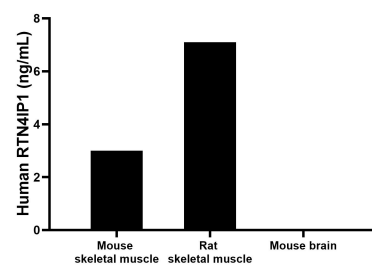
Storage

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 MP03490-1, CARN51 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88342-1-PBS. Detection antibody: 88342-2-PBS. Standard: Ag22761. Range: 0.625-80 ng/mL.



The mean CARN51 concentration was determined to be 3.0 ng/mL in mouse skeletal muscle tissue extract based on a 1.0 mg/mL extract load, 7.1 ng/mL in rat skeletal muscle tissue extract based on a 1.0 mg/mL extract load, mouse brain tissue extract were served as a negative control.