

CACNA1B Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03396-1**

Capture Antibody Information

Catalog Number:
88280-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260499B6
Reactivity:
human
Immunogen Catalog Number:
Ag33516

Conjugate:
Unconjugated
Full name:
calcium channel, voltage-dependent, N type, alpha 1B subunit
Gene ID:
774

Detection Antibody Information

Catalog Number:
88280-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260499B12
Reactivity:
human
GenBank:
NM_000718
Immunogen Catalog Number:
Ag33516

Conjugate:
Unconjugated
Full name:
calcium channel, voltage-dependent, N type, alpha 1B subunit
Gene ID:
774

Applications

Tested Applications:
Cytometric bead array

Range:
0.156-20 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

MP03396-1 targets CACNA1B in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: CACNA1B Recombinant monoclonal antibody, PBS Only (Capture) 88280-2-PBS (260499B6). 100 µg. Concentration 1 mg/mL.

Detection antibody: CACNA1B Recombinant monoclonal antibody, PBS Only (Detector) 88280-1-PBS (260499B12). 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.

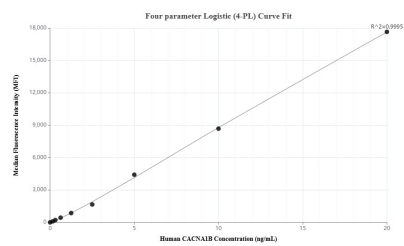
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

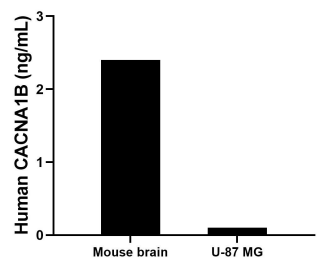
Storage

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

Selected Validation Data



Cytometric bead array standard curve of MP03396-1, CACNA1B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88280-2-PBS. Detection antibody: 88280-1-PBS. Standard: Ag33516. Range: 0.156-20 ng/mL



The mean CACNA1B concentration was determined to be 2.4 ng/mL in mouse brain tissue extract based on a 1.0 mg/mL extract load, 0.1 ng/mL in U-87 MG cell extract based on a 1.0 mg/mL extract load.