

COQ7 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02418-1**

Capture Antibody Information

Catalog Number:
86394-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251065F1
Reactivity:
human
GenBank:
BC003185
Immunogen Catalog Number:
Ag7161

Conjugate:
Unconjugated
Full name:
coenzyme Q7 homolog, ubiquinone (yeast)
Gene ID:
10229

Detection Antibody Information

Catalog Number:
86394-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251065A2
Reactivity:
human, mouse, rat
GenBank:
BC003185
Immunogen Catalog Number:
Ag7161

Conjugate:
Unconjugated
Full name:
coenzyme Q7 homolog, ubiquinone (yeast)
Gene ID:
10229

Applications

Tested Applications:
Cytometric bead array

Range:
3.125-200 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

MP02418-1 targets COQ7 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: COQ7 Recombinant monoclonal antibody, PBS Only (Capture) 86394-2-PBS (251065F1). 100 µg. Concentration 1 mg/mL.

Detection antibody: COQ7 Recombinant monoclonal antibody, PBS Only (Detector) 86394-1-PBS (251065A2). 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.

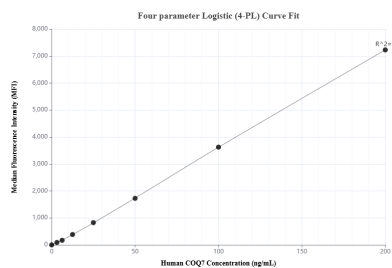
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

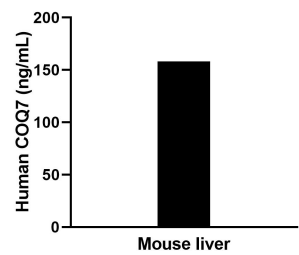
Storage

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 MP02418-1, COQ7 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86394-2-PBS. Detection antibody: 86394-1-PBS. Standard: Ag7161. Range: 3.125-200 ng/mL.



The mean COQ7 concentration was determined to be 160.1 ng/mL in Mouse liver tissue extract based on a 8.4 mg/mL extract load.