

For Research Use Only

CKMT2 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03076-1

Capture Antibody Information

Catalog Number:
87517-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252920A7
Reactivity:
human
GenBank:
BC029140
Immunogen Catalog Number:
Ag3971

Conjugate:
Unconjugated
Full name:
creatine kinase, mitochondrial 2 (sarcomeric)
Gene ID:
1160

Detection Antibody Information

Catalog Number:
87517-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252920B11
Reactivity:
human
GenBank:
BC029140
Immunogen Catalog Number:
Ag3971

Conjugate:
Unconjugated
Full name:
creatine kinase, mitochondrial 2 (sarcomeric)
Gene ID:
1160

Applications

Tested Applications:
Cytometric bead array

Range:
0.781-100 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

MP03076-1 targets CKMT2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: CKMT2 Recombinant monoclonal antibody, PBS Only (Capture) 87517-3-PBS (252920A7). 100 µg. Concentration 1 mg/mL.

Detection antibody: CKMT2 Recombinant monoclonal antibody, PBS Only (Detector) 87517-2-PBS (252920B11). 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

For technical support and original validation data for this product please contact:

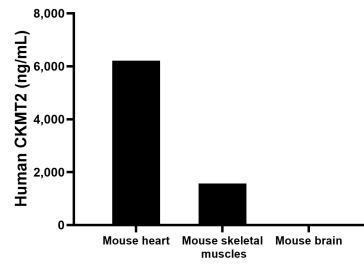
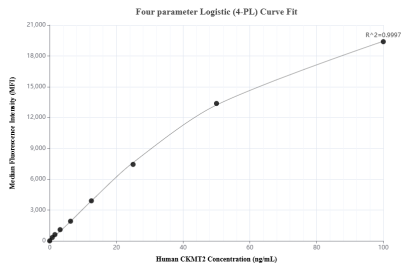
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP03076-1, CKMT2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87517-3-PBS. Detection antibody: 87517-2-PBS. Standard: Ag3971. Range: 0.781-100 ng/mL.

The mean CKMT2 concentration was determined to be 6208.3 ng/mL in mouse heart tissue extract based on a 5.4 mg/mL extract load, 1565.5 ng/mL in mouse skeletal muscles tissue extract based on a 4.1 mg/mL extract load, mouse brain tissue extract were served as a negative control.