

For Research Use Only



Methylmalonyl Coenzyme A mutase/MUT Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP01652-1

Capture Antibody Information

Catalog Number:
84879-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242198D6

Reactivity:
human

Immunogen Catalog Number:
Ag10523

Conjugate:
Unconjugated

Full name:
methylmalonyl Coenzyme A mutase

Gene ID:
4594

Detection Antibody Information

Catalog Number:
84879-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242198H8

Reactivity:
human

GenBank:
BC016282

Immunogen Catalog Number:
Ag10523

Conjugate:
Unconjugated

Full name:
methylmalonyl Coenzyme A mutase

Gene ID:
4594

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.781-100 ng/mL (Cytometric Bead Array)
0.156-10 ng/mL (Sandwich ELISA)

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

Product Information

MP01652-1 targets Methylmalonyl Coenzyme A mutase/MUT in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Methylmalonyl Coenzyme A mutase/MUT Recombinant antibody, PBS Only (Capture) 84879-2-PBS (242198D6). 100 µg. Concentration 1 mg/ml.

Detection antibody: Methylmalonyl Coenzyme A mutase/MUT Recombinant antibody, PBS Only (Detector) 84879-4-PBS (242198H8). 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

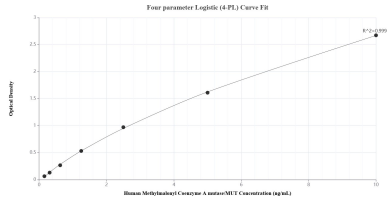
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

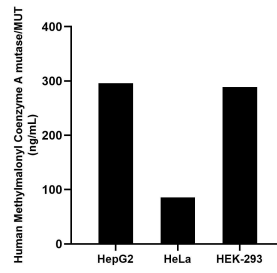
E: proteintech@ptglab.com
W: ptglab.com

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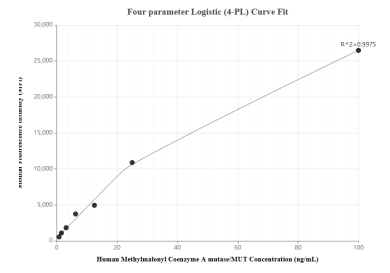
Selected Validation Data



Sandwich ELISA standard curve of MP01652-1, Human Methylmalonyl Coenzyme A mutase/MUT Recombinant Matched Antibody Pair - PBS only. 84879-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag10523. 84879-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



The mean Methylmalonyl Coenzyme A mutase/MUT concentration was determined to be 295.72 ng/mL in HepG2 cell extract based on a 2.30 mg/mL extract load, 85.44 ng/mL in HeLa cell extract based on a 1.00 mg/mL extract load and 288.97 ng/mL in HEK-293 cell extract based on a 2.90 mg/mL extract load.



Cytometric bead array standard curve of MP01652-1, Methylmalonyl Coenzyme A mutase/MUT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84879-2-PBS. Detection antibody: 84879-4-PBS. Standard: Ag10523. Range: 0.781-100 ng/mL.