

For Research Use Only

Methylmalonyl Coenzyme A mutase/MUT Recombinant antibody, PBS Only (Detector)

Catalog Number: 84879-4-PBS



Basic Information

Catalog Number: 84879-4-PBS	GenBank Accession Number: BC016282	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4594	CloneNo.: 242198H8
Source: Rabbit	UNIPROT ID: P22033	
Isotype: IgG	Full Name: methylmalonyl Coenzyme A mutase	
Immunogen Catalog Number: AG10523	Calculated MW: 750 aa, 83 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84879-4-PBS targets Methylmalonyl Coenzyme A mutase/MUT as part of a matched antibody pair.

MP01652-1: 84879-2-PBS capture and 84879-4-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

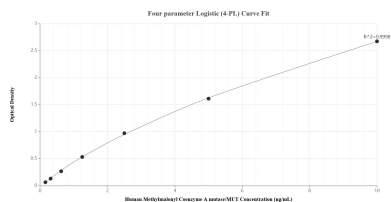
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

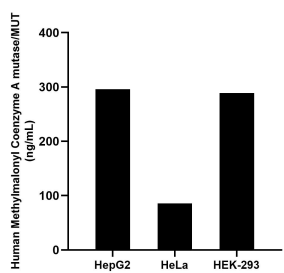
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

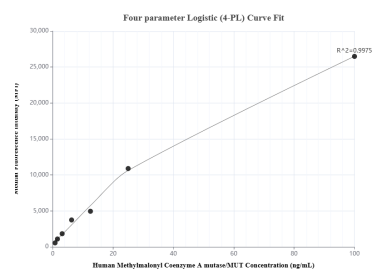
Selected Validation Data



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.