

MARS Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00679-1

Capture Antibody Information

Catalog Number:

83690-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240648G4

Reactivity:

human, mouse, rat

Immunogen Catalog Number:

Ag6619

Conjugate:

Unconjugated

Full name:

methionyl-tRNA synthetase

Gene ID:

4141

Detection Antibody Information

Catalog Number:

83690-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240648F10

Reactivity:

human

GenBank:

BC002384

Immunogen Catalog Number:

Ag6619

Conjugate:

Unconjugated

Full name:

methionyl-tRNA synthetase

Gene ID:

4141

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA

Range:

1.56-100 ng/mL (Cytometric Bead Array)
39.1-2500 pg/mL (Sandwich ELISA)

Recommended Dilutions:

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

Product Information

MP00679-1 targets MARS in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: MARS Recombinant antibody, PBS Only (Capture) 83690-4-PBS (240648G4). 100 µg. Concentration 1 mg/mL.

Detection antibody: MARS Recombinant antibody, PBS Only (Detector) 83690-3-PBS (240648F10). 100 µg. Concentration 1 mg/mL.

Alternative MARS matched antibody pairs: MP00679-2, MP00679-3

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:

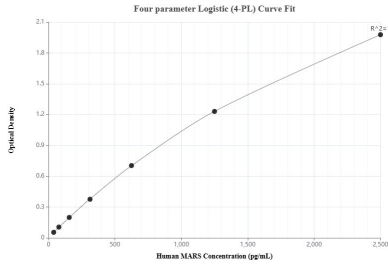
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

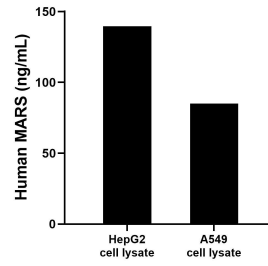
W: ptglab.com

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

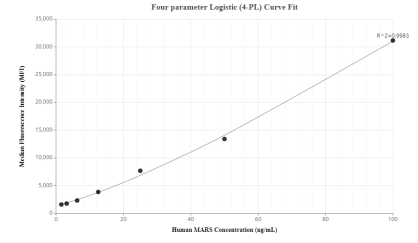
Selected Validation Data



Sandwich ELISA standard curve of MP00679-1, Human MARS Recombinant Matched Antibody Pair - PBS only. 83690-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6619. 83690-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



HepG2 and A549 cell lysates were measured. The human MARS concentration of detected samples was determined to be 139.60 ng/mL (based on a 3.00 mg/mL extract load) in HepG2 cell lysate and 85.10 ng/mL (based on a 3.00 mg/mL extract load) in A549 cell lysate.



Cytometric bead array standard curve of MP00679-1, MARS Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83690-4-PBS. Detection antibody: 83690-3-PBS. Standard: Ag6619. Range: 1.56-100 ng/mL