

For Research Use Only

MGEA5 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01507-2

Capture Antibody Information

Catalog Number:
84722-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242263D11

Reactivity:
human

Immunogen Catalog Number:
Ag6405

Conjugate:
Unconjugated

Full name:
meningioma expressed antigen 5
(hyaluronidase)

Gene ID:
10724

Detection Antibody Information

Catalog Number:
84722-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242263E4

Reactivity:
human

GenBank:
BC039583

Immunogen Catalog Number:
Ag6405

Conjugate:
Unconjugated

Full name:
meningioma expressed antigen 5
(hyaluronidase)

Gene ID:
10724

Applications

Tested Applications:

Cytometric bead array, Sandwich
ELISA

Range:

0.781-100 ng/mL (Cytometric Bead
Array)
78.1-5000 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

MP01507-2 targets MGEA5 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: MGEA5 Recombinant antibody, PBS Only (Capture) 84722-2-PBS (242263D11). 100 µg. Concentration 1 mg/ml.

Detection antibody: MGEA5 Recombinant antibody, PBS Only (Detector) 84722-3-PBS (242263E4). 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:

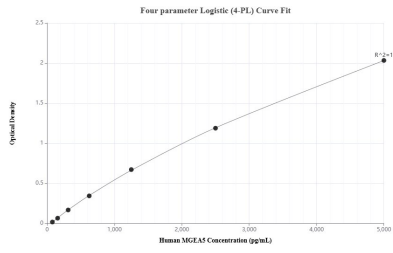
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

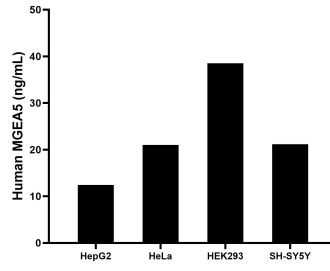
W: ptglab.com

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

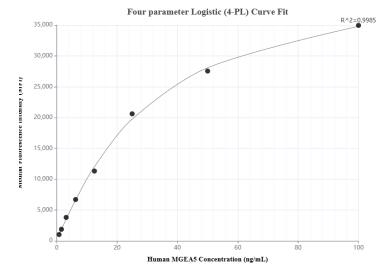
Selected Validation Data



Sandwich ELISA standard curve of MP01507-2, Human MGEA5 Recombinant Matched Antibody Pair - PBS only. 84722-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6405. 84722-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean MGEA5 concentration was determined to be 12.41 ng/mL in HepG2 cell extract based on a 2.3 mg/mL extract load, 21.01 ng/mL in HeLa cell extract based on a 1.0 mg/mL extract load, 38.53 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load and 21.16 ng/mL in SH-SY5Y cell extract based on a 1.0 mg/mL extract load.



Cytometric bead array standard curve of MP01507-2, MGEA5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84722-2-PBS. Detection antibody: 84722-3-PBS. Standard: Ag6405. Range: 0.781-100 ng/mL