

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
GenBank:
BC039583
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.

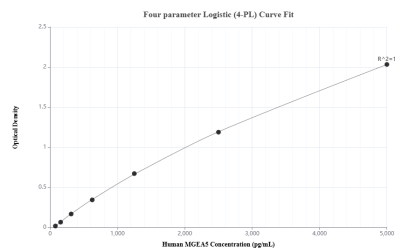
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

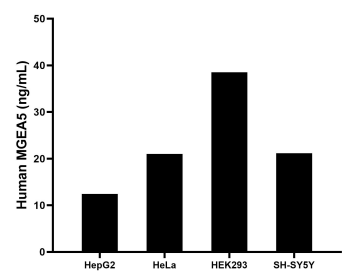
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

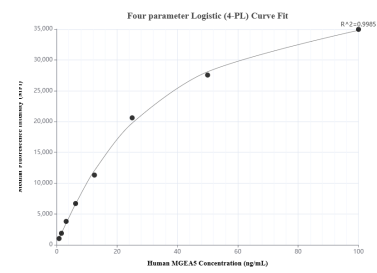
Selected Validation Data



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