

AGA Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00451-1

Capture Antibody Information

Catalog Number: 83442-1-PBS	Clone ID: 240396A3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: aspartylglucosaminidase
Isotype: IgG	Immunogen Catalog Number: Ag10681	Gene ID: 175
Purification Method: Protein A purification		

Detection Antibody Information

Catalog Number: 83442-4-PBS	Clone ID: 240396A8	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: aspartylglucosaminidase
Isotype: IgG	GenBank: BC012392	Gene ID: 175
Purification Method: Protein A purification	Immunogen Catalog Number: Ag10681	

Applications

Tested Applications: Cytometric bead array, Sandwich ELISA	Range: 0.625-80 ng/mL (Cytometric Bead Array) 0.625-40 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP00451-1 targets AGA in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: AGA Recombinant antibody, PBS Only (Capture) 83442-1-PBS (240396A3). 100 µg. Concentration 1 mg/mL.

Detection antibody: AGA Recombinant antibody, PBS Only (Detector) 83442-4-PBS (240396A8). 100 µg. Concentration 1 mg/mL.

Alternative AGA matched antibody pairs: MP00451-2, MP00451-3

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.

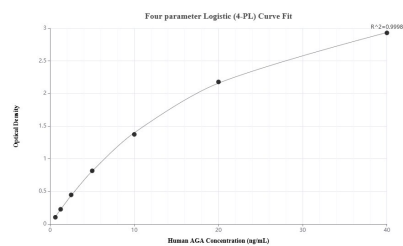
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

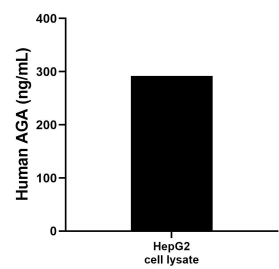
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

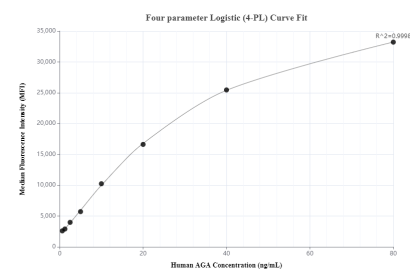
Selected Validation Data



Sandwich ELISA standard curve of MP00451-1, Human AGA Recombinant Matched Antibody Pair - PBS only. 83442-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag10681. 83442-4-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



HepG2 cell lysate was measured. The human AGA concentration of detected samples was determined to be 291.74 ng/mL (based on a 1.3 mg/mL extract load).



Cytometric bead array standard curve of MP00451-1, AGA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83442-1-PBS. Detection antibody: 83442-4-PBS. Standard: Ag10681. Range: 0.625-80 ng/mL