

MGMT Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02085-2**

Capture Antibody Information

Catalog Number: 89933-5-PBS	Clone ID: 243130D8	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: O-6-methylguanine-DNA methyltransferase
Isotype: IgG	GenBank: BC000824	Gene ID: 4255
Purification Method: Protein A purification	Immunogen Catalog Number: Ag9996	

Detection Antibody Information

Catalog Number: 89933-6-PBS	Clone ID: 243130C6	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: O-6-methylguanine-DNA methyltransferase
Isotype: IgG	GenBank: BC000824	Gene ID: 4255
Purification Method: Protein A purification	Immunogen Catalog Number: Ag9996	

Applications

Tested Applications: Sandwich ELISA	Range: 0.781-25 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

MP02085-2 targets MGMT in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: MGMT Recombinant antibody, PBS Only (Capture) 89933-5-PBS (243130D8). 100 µg. Concentration 1 mg/mL.

Detection antibody: MGMT Recombinant antibody, PBS Only (Detector) 89933-6-PBS (243130C6). 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.

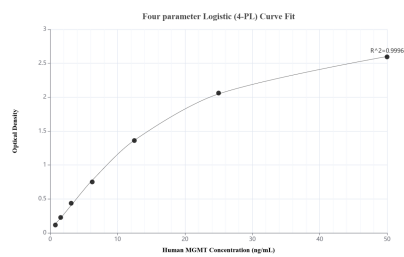
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

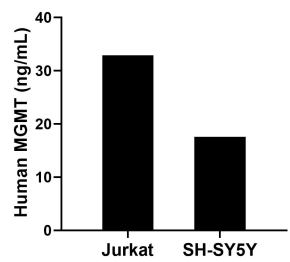
Storage

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 MP02085-2, Human MGMT Recombinant Matched Antibody Pair - PBS only. 89933-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9996. 89933-6-PBS was HRP conjugated as the detection antibody. Range: 0.781-25 ng/mL.



The mean MGMT concentration was determined to be 32.91 ng/mL in Jurkat cell extract based on a 1.90 mg/mL extract load and 17.53 ng/mL in SH-SY5Y cell extract based on a 1.90 mg/mL extract load.