

# MGMT Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02085-2**

## Capture Antibody Information

**Catalog Number:**  
89933-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
243130D8  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag9996

**Conjugate:**  
Unconjugated  
**Full name:**  
O-6-methylguanine-DNA methyltransferase  
**Gene ID:**  
4255

## Detection Antibody Information

**Catalog Number:**  
89933-6-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
243130C6  
**Reactivity:**  
human  
**GenBank:**  
BC000824  
**Immunogen Catalog Number:**  
Ag9996

**Conjugate:**  
Unconjugated  
**Full name:**  
O-6-methylguanine-DNA methyltransferase  
**Gene ID:**  
4255

## 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.

## 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.  
**Storage buffer:**  
PBS only

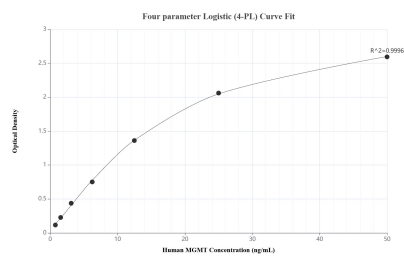
For technical support and original validation data for this product please contact:

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

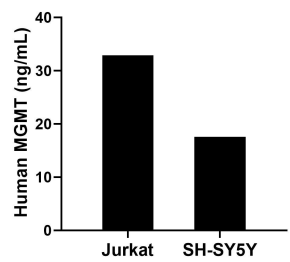
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## Selected Validation Data



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.