

For Research Use Only

# MGMT Recombinant antibody, PBS Only (Capture)

Catalog Number: 86115-2-PBS



## Basic Information

<b>Catalog Number:</b> 86115-2-PBS	<b>GenBank Accession Number:</b> BC000824	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4255	<b>CloneNo.:</b> 243130D8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P16455	
<b>Isotype:</b> IgG	<b>Full Name:</b> O-6-methylguanine-DNA methyltransferase	
<b>Immunogen Catalog Number:</b> AG9996	<b>Calculated MW:</b> 22 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

86115-2-PBS targets MGMT as part of a matched antibody pair:

MP02085-2: 86115-2-PBS capture and 86115-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

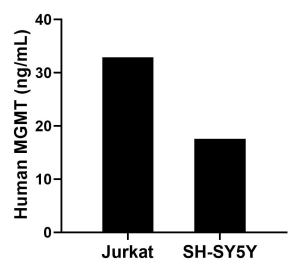
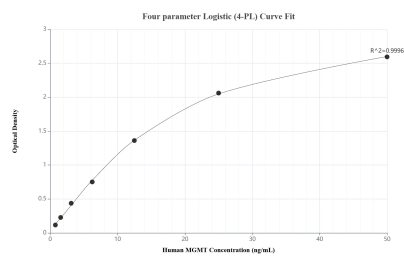
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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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.