

For Research Use Only

# G6B Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 88167-3-PBS



## Basic Information

|                                                             |                                                         |                                                       |
|-------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>88167-3-PBS                       | <b>GenBank Accession Number:</b><br>NM_138272.3         | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>80739                          | <b>CloneNo.:</b><br>260393E9                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>O95866-1                          |                                                       |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>chromosome 6 open reading frame 25 |                                                       |
| <b>Immunogen Catalog Number:</b><br>EG5762                  | <b>Calculated MW:</b><br>26 kDa                         |                                                       |

## Applications

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

**Species Specificity:**  
human

## Product Information

88167-3-PBS targets G6B as part of a matched antibody pair:

MP03352-2: 88167-2-PBS capture and 88167-3-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

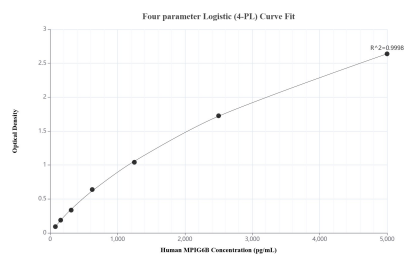
**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS only, pH7.3

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)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data

The mean MPIG6B concentration was determined to be 2.2 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load, 5.8 ng/mL in HEL cell extract based on a 1.5 mg/mL extract load, 1.1 ng/mL in 786-O cell extract based on a 1.2 mg/mL extract load, 2.4 ng/mL in THP-1 cell extract based on a 1.5 mg/mL extract load and 1.1 ng/mL in RT-4 cell extract based on a 1.5 mg/mL extract load.



Sandwich ELISA standard curve of MP03352-2, Human MPIG6B Recombinant Matched Antibody Pair - PBS only. 88167-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5762. 88167-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL