

For Research Use Only

# GPNMB Monoclonal antibody, PBS Only (Detector)

Catalog Number: 66926-4-PBS



## Basic Information

<b>Catalog Number:</b> 66926-4-PBS	<b>GenBank Accession Number:</b> BC011595	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10457	<b>CloneNo.:</b> 1E5B9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q14956	<b>Affinity:</b> $K_D = 8.73 \times 10^{-11}M$
<b>Isotype:</b> IgG2a	<b>Full Name:</b> glycoprotein (transmembrane) nmb	$K_{off} = 1.93 \times 10^{-6}M$
<b>Immunogen Catalog Number:</b> AG26747	<b>Calculated MW:</b> 64 kDa	$K_{on} = 2.21 \times 10^4M$

## Applications

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

**Species Specificity:**  
human

## Product Information

66926-4-PBS targets GPNMB as part of a matched antibody pair:

MP50045-1: 66926-2-PBS capture and 66926-4-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

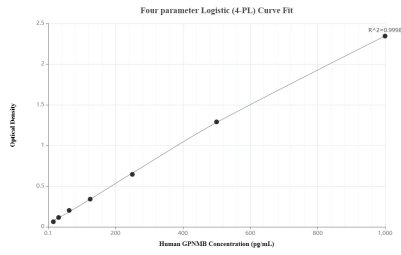
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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  
W: ptglab.com

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## Selected Validation Data



Sandwich ELISA standard curve of MP50045-1, GPNMB Monoclonal Matched Antibody Pair - PBS only. 66926-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag26747. 66926-4-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL