

# GPNMB Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01096-1**

## Capture Antibody Information

**Catalog Number:**  
84160-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241435F3  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag14124

**Conjugate:**  
Unconjugated  
**Full name:**  
glycoprotein (transmembrane) nmb  
**Gene ID:**  
10457

## Detection Antibody Information

**Catalog Number:**  
84160-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241435D10  
**Reactivity:**  
human  
**GenBank:**  
BC011595  
**Immunogen Catalog Number:**  
Ag14124

**Conjugate:**  
Unconjugated  
**Full name:**  
glycoprotein (transmembrane) nmb  
**Gene ID:**  
10457

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
0.781-100 ng/mL (Cytometric Bead Array)  
0.781-50 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

MP01096-1 targets GPNMB in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: GPNMB Recombinant antibody, PBS Only (Capture) 84160-3-PBS (241435F3). 100 µg. Concentration 1 mg/mL.

Detection antibody: GPNMB Recombinant antibody, PBS Only (Detector) 84160-2-PBS (241435D10). 100 µg. Concentration 1 mg/mL.

Alternative GPNMB matched antibody pairs: MP01096-2, MP50045-1, MP50045-2

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

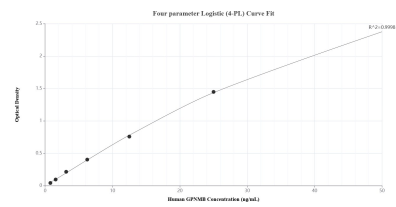
For technical support and original validation data for this product please contact:

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

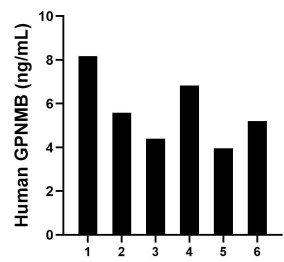
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

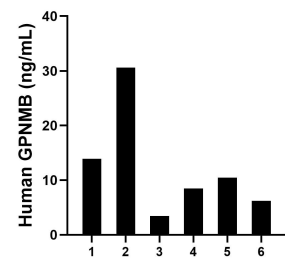
Selected Validation Data



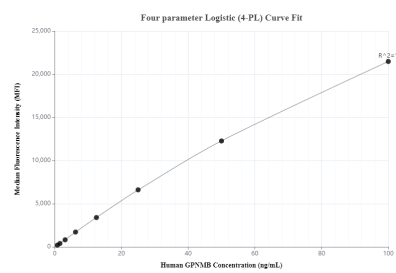
Sandwich ELISA standard curve of MP01096-1, Human GPNMB Recombinant Matched Antibody Pair - PBS only. 84160-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag14124. 84160-2-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL.



Serum of six individual healthy human donors was measured. The GPNMB concentration of detected samples was determined to be 5.69 ng/mL with a range of 3.96-8.17 ng/mL.



Plasma of six individual healthy human donors was measured. The GPNMB concentration of detected samples was determined to be 12.18 ng/mL with a range of 3.43-30.61 ng/mL.



Cytometric bead array standard curve of MP01096-1, GPNMB Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84160-3-PBS. Detection antibody: 84160-2-PBS. Standard: Ag14124. Range: 0.781-100 ng/mL.