

For Research Use Only

GPNMB Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50045-1

Capture Antibody Information

Catalog Number:
66926-2-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein G purification

Clone ID:
2H3E12

Reactivity:
Human

Immunogen Catalog Number:
Ag26747

Conjugate:
Unconjugated

Full name:
glycoprotein (transmembrane) nmb

Gene ID:
10457

Affinity:
 $K_D = 1.03 \times 10^{-10}M$
 $K_{Off} = 1.53 \times 10^{-6}M$
 $K_{On} = 1.49 \times 10^4M$

Detection Antibody Information

Catalog Number:
66926-4-PBS

Host:
Mouse

Isotype:
IgG2a

Purification Method:
Protein A purification

Clone ID:
1E5B9

Reactivity:
Human

GenBank:
BC011595

Immunogen Catalog Number:
Ag26747

Conjugate:
Unconjugated

Full name:
glycoprotein (transmembrane) nmb

Gene ID:
10457

Affinity:
 $K_D = 8.73 \times 10^{-11}M$
 $K_{Off} = 1.93 \times 10^{-6}M$
 $K_{On} = 2.21 \times 10^4M$

Applications

Tested Applications:
Sandwich ELISA

Range:
15.6-1000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP50045-1 targets GPNMB in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: GPNMB Monoclonal antibody, PBS Only (Capture) 66926-2-PBS (2H3E12). 100 µg. Concentration 1 mg/mL.

Detection antibody: GPNMB Monoclonal antibody, PBS Only (Detector) 66926-4-PBS (1E5B9). 100 µg. Concentration 1 mg/mL.

Alternative GPNMB matched antibody pairs: MP50045-2

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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.

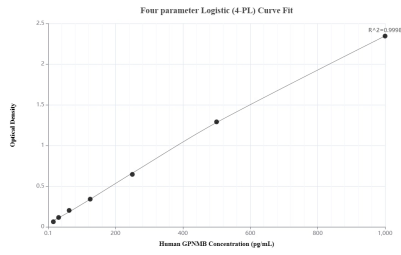
Storage

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
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