

For Research Use Only

GPNMB Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50045-2

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:

66926-3-PBS

Host:

Mouse

Isotype:

IgG2a

Purification Method:

Protein A purification

Clone ID:

1G4B8

Reactivity:

Human

GenBank:

BC011595

Immunogen Catalog Number:

Ag26747

Conjugate:

Unconjugated

Full name:

glycoprotein (transmembrane) nmb

Gene ID:

10457

Affinity:

$K_D = 3.05 \times 10^{-10}M$

$K_{Off} = 2.25 \times 10^{-6}M$

$K_{On} = 7.38 \times 10^3M$

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA

Range:

19.5-1250 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

MP50045-2 targets GPNMB in immunoassays as a matched antibody pair. Validated in Cytometric bead array, 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) 66926-3-PBS (1G4B8). 100 µg. Concentration 1 mg/ml.

Alternative GPNMB matched antibody pairs: MP50045-1

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.

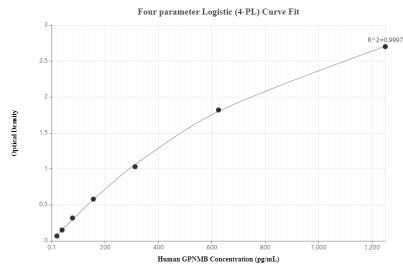
Storage buffer:

PBS only

For technical support and original validation data for this product please contact:
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W: 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 MP50045-2, 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. 66926-3-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL