

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
GenBank:
BC011595
Immunogen Catalog Number:
Ag26747

Conjugate:
Unconjugated
Full name:
glycoprotein (transmembrane) nmb
Gene ID:
10457
Affinity:
 $K_D = 1.03 \times 10^{-10}$
 $K_{Off} = 1.53 \times 10^{-6}$
 $K_{On} = 1.49 \times 10^4$

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:
 $K_D = 3.05 \times 10^{-10}$
 $K_{Off} = 2.25 \times 10^{-6}$
 $K_{On} = 7.38 \times 10^3$

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 μ g. Concentration 1 mg/mL.

Detection antibody: GPNMB Monoclonal antibody, PBS Only (Detector) 66926-3-PBS (1G4B8). 100 μ g. 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:

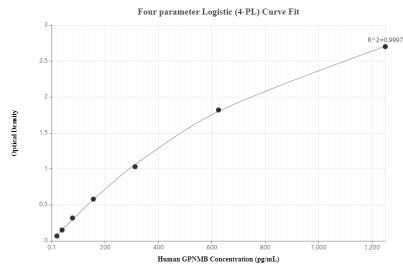
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Selected Validation Data



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