

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
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:
66926-4-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:
 $K_D = 8.73 \times 10^{-11}$
 $K_{off} = 1.93 \times 10^{-6}$
 $K_{on} = 2.21 \times 10^4$

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.

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

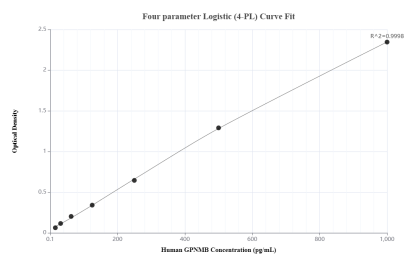
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

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.