GPNMB Monoclonal antibody, PBS Only (Capture)

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:66926-2-PBS

Basic Information

Catalog Number:
66926-2-PBS

Size:
100ug , Concentration: 1mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG26747

GenBank Accession Number:
BC011595

GeneID (NCBI):
10457

UNIPROT ID:
Q14956

Full Name:
glycoprotein (transmembrane) nmb

Calculated MW:
64 kDa

Purification Method:
Protein G purification

CloneNo.:
2H3E12

Affinity:
K_D= 1.03 x 10^{-10}M

K_{Off}= 1.53 x 10^{-6}M

K_{On}= 1.49 x 10^{4}M

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

66926-2-PBS targets GPNMB as part of a matched antibody pair:

MP50045-1: 66926-2-PBS capture and 66926-4-PBS detection (validated in Sandwich ELISA)

MP50045-2: 66926-2-PBS capture and 66926-3-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.
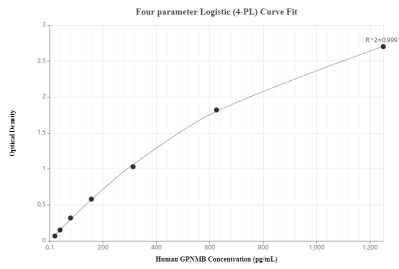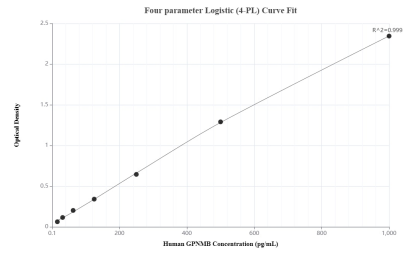
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

Selected Validation Data

Four parameter Logistic (4-PL) Curve Fit

R^2=0.9997

Optical Density

Human GPNMB Concentration (pg/mL)

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.

Four parameter Logistic (4-PL) Curve Fit

R^2=0.9998

Optical Density

Human GPNMB Concentration (pg/mL)

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.