PNMT Recombinant antibody, PBS Only (Capture)

Catalog Number:83979-4-PBS

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Antibodies | ELISA kits | Proteins
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www.ptglab.com

Basic Information

Catalog Number:
83979-4-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG4098

GenBank Accession Number:
BC037246

GeneID (NCBI):
5409

UNIPROT ID:
P11086

Full Name:
phenylethanolamine N-methyltransferase

Calculated MW:
282 aa, 31 kDa

Purification Method:
Protein A purification

CloneNo.:
241111F10

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83979-4-PBS targets PNMT as part of a matched antibody pair:

MP00874-4: 83979-4-PBS capture and 83979-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

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.
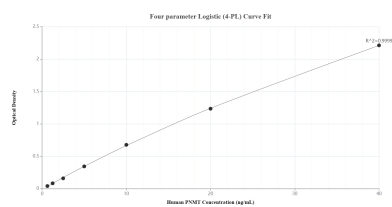
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

Selected Validation Data

Four parameter Logistic (4-PL) Curve Fit

Sandwich ELISA standard curve of MP00874-4, Human PNMT Recombinant Matched Antibody Pair - PBS only. 83979-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4098. 83979-1-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.
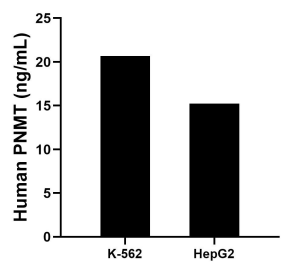
The mean PNMT concentration was determined to be 20.67 ng/mL in K-562 cell extract based on a 4.50 mg/mL extract load and 15.23 ng/mL in HepG2 cell extract based on a 5.00 mg/mL extract load.