

For Research Use Only

PNMT Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00874-4

Capture Antibody Information

Catalog Number:
83979-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241111F10
Reactivity:
human
Immunogen Catalog Number:
Ag4098

Conjugate:
Unconjugated
Full name:
phenylethanolamine N-methyltransferase
Gene ID:
5409

Detection Antibody Information

Catalog Number:
83979-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241111C4
Reactivity:
human
GenBank:
BC037246
Immunogen Catalog Number:
Ag4098

Conjugate:
Unconjugated
Full name:
phenylethanolamine N-methyltransferase
Gene ID:
5409

Applications

Tested Applications:
Sandwich ELISA

Range:
0.625-40 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00874-4 targets PNMT in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PNMT Recombinant antibody, PBS Only (Capture) 83979-4-PBS (241111F10). 100 µg. Concentration 1 mg/ml.

Detection antibody: PNMT Recombinant antibody, PBS Only (Capture/Detector) 83979-1-PBS (241111C4). 100 µg. Concentration 1 mg/ml.

Alternative PNMT matched antibody pairs: MP00874-1, MP00874-2, MP00874-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

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

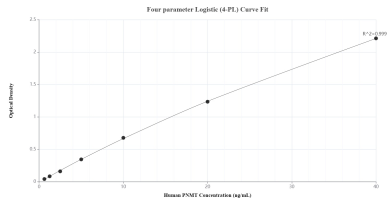
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

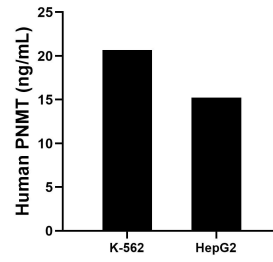
E: proteintech@ptglab.com
W: ptglab.com

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 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.