

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  
**GenBank:**  
BC037246  
**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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

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

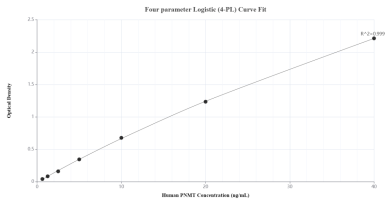
T: 4006900926

E: Proteintech-CN@ptglab.com

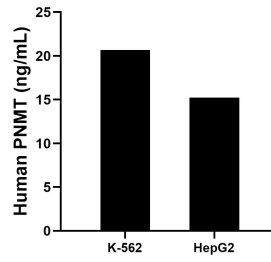
W: ptgcn.com

**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.