

For Research Use Only

# PNMT Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number:83979-1-PBS



## Basic Information

<b>Catalog Number:</b> 83979-1-PBS	<b>GenBank Accession Number:</b> BC037246	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 5409	<b>CloneNo.:</b> 241111C4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P11086	
<b>Isotype:</b> IgG	<b>Full Name:</b> phenylethanolamine N- methyltransferase	
<b>Immunogen Catalog Number:</b> AG4098	<b>Calculated MW:</b> 282 aa, 31 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA,  
Sample test

**Species Specificity:**  
human

## Background Information

### 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:

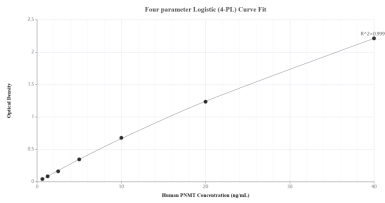
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

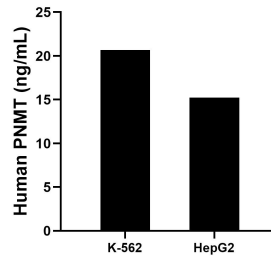
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

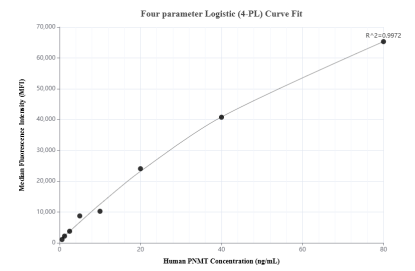
## Selected Validation Data



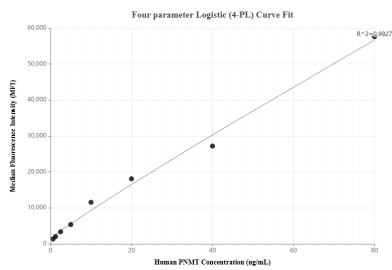
Sandwich ELISA standard curve of MP00874-4, Human PNMT Recombinant Matched Antibody Pair - PBS only. 83979-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4098. 83979-1-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



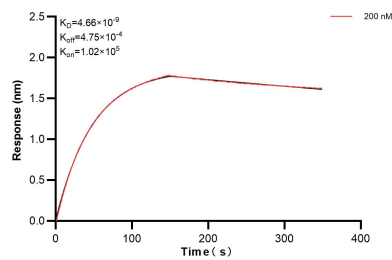
The mean PNMT concentration was determined to be 20.67 ng/mL in K-562 cell extract based on a 4.50 mg/mL extract load and 15.23 ng/mL in HepG2 cell extract based on a 5.00 mg/mL extract load.



Cytometric bead array standard curve of MP00874-2, PNMT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83979-2-PBS. Detection antibody: 83979-1-PBS. Standard: Ag4098. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP00874-3, PNMT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83979-1-PBS. Detection antibody: 83979-3-PBS. Standard: Ag4098. Range: 0.625-80 ng/mL



Biolayer interferometry (BLI) kinetic assay of 83979-1-PBS against Human PNMT was performed. The affinity constant is 4.66 nM.