

# Product Datasheet

## PNMT Antibody (OT11D2) NBP2-00688

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-00688](http://www.novusbio.com/NBP2-00688)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-00688](http://www.novusbio.com/reviews/destination/NBP2-00688)



**NBP2-00688**

PNMT Antibody (OT11D2)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11D2
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	30.7 kDa

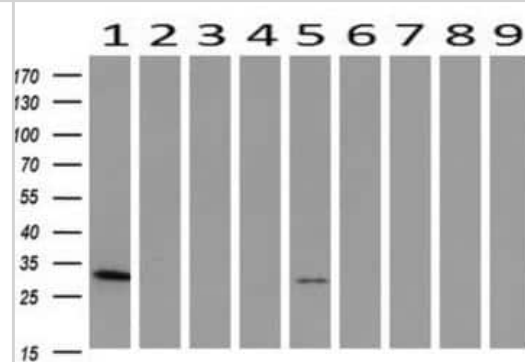
Product Description	
Description	Novus Biologicals Mouse PNMT Antibody (OT11D2) (NBP2-00688) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PNMT Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5409
Gene Symbol	PNMT
Species	Human, Mouse, Rat, Canine, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human PNMT(NP_002677) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

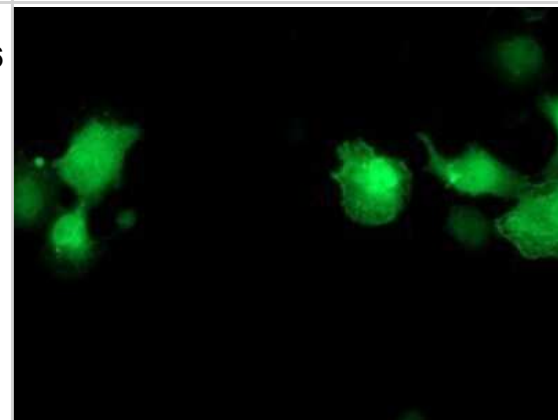


## Images

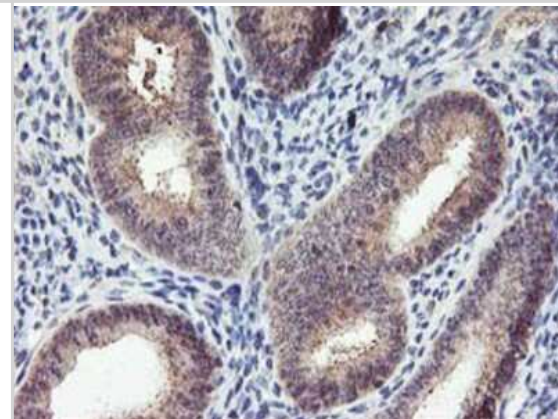
Western Blot: PNMT Antibody (OT11D2) [NBP2-00688] - Analysis of extracts (10ug) from 9 Human tissue by using anti-PNMT monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon).



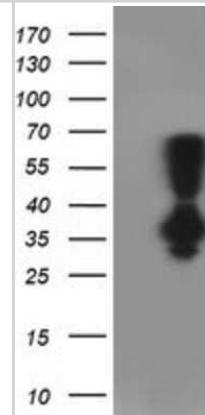
Immunocytochemistry/Immunofluorescence: PNMT Antibody (1D2) [NBP2-00688] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PNMT.



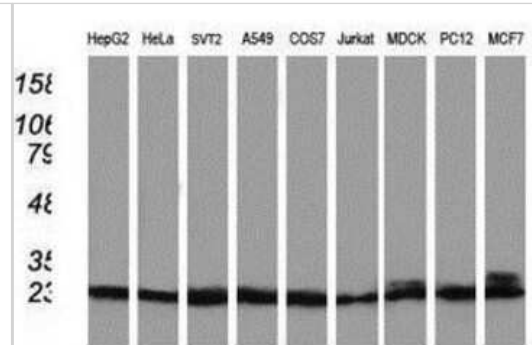
Immunohistochemistry-Paraffin: PNMT Antibody (1D2) [NBP2-00688] - Staining of paraffin-embedded Human endometrium tissue using anti-PNMT mouse monoclonal antibody.



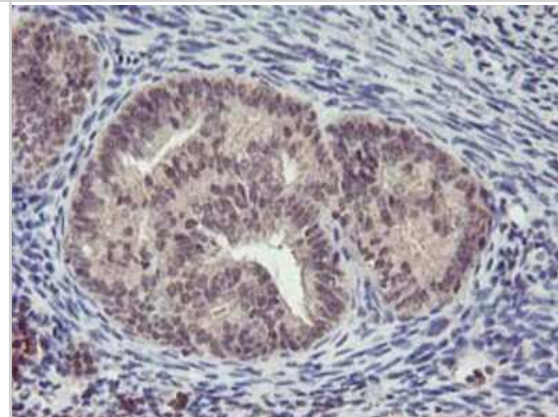
Western Blot: PNMT Antibody (1D2) [NBP2-00688] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PNMT (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PNMT.



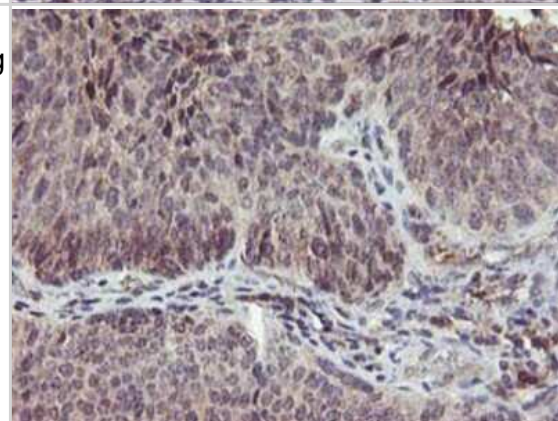
Western Blot: PNMT Antibody (1D2) [NBP2-00688] Analysis of extracts (35ug) from 9 different cell lines by using anti-PNMT monoclonal antibody.



Immunohistochemistry-Paraffin: PNMT Antibody (1D2) [NBP2-00688] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PNMT mouse monoclonal antibody.



Immunohistochemistry-Paraffin: PNMT Antibody (1D2) [NBP2-00688] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-PNMT mouse monoclonal antibody.



## Publications

Calderin E, Zheng J, Boyd N et al. Exercise-Stimulated Resolvin Biosynthesis in the Adipose Tissue Is Abrogated by High-Fat Diet-Induced Adrenergic Deficiency Arteriosclerosis, thrombosis, and vascular biology 2025-05-08 [PMID: 40336478]

Giatti S, Di Domizio A, Diviccaro S et al. Three-Dimensional Proteome-Wide Scale Screening for the 5-Alpha Reductase Inhibitor Finasteride: Identification of a Novel Off-Target Journal of medicinal chemistry 2021-04-22 [PMID: 33843213]

Mamilla D, Manukyan I, Fetsch Ht PA et al. Immunohistochemical distinction of paragangliomas from epithelial neuroendocrine tumors - Gangliocytic duodenal and cauda equina paragangliomas align with epithelial neuroendocrine tumors Hum. Pathol. 2020-07-12 [PMID: 32668278] (IF/IHC, Human)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-00688**

---

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

---

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-00688](http://www.novusbio.com/reviews/submit/NBP2-00688)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

