

# Product Datasheet

## PMS2 Antibody (OTI2G5) NBP2-46459

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: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-46459](http://www.novusbio.com/NBP2-46459)

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/NBP2-46459](http://www.novusbio.com/reviews/destination/NBP2-46459)



**NBP2-46459****PMS2 Antibody (OTI2G5)****Product Information**

|                                |                                          |
|--------------------------------|------------------------------------------|
| <b>Unit Size</b>               | 0.1 ml                                   |
| <b>Concentration</b>           | 1 mg/ml                                  |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                               |
| <b>Clone</b>                   | OTI2G5                                   |
| <b>Preservative</b>            | 0.02% Sodium Azide                       |
| <b>Isotype</b>                 | IgG2b                                    |
| <b>Purity</b>                  | Immunogen affinity purified              |
| <b>Buffer</b>                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| <b>Target Molecular Weight</b> | 95.6 kDa                                 |

**Product Description**

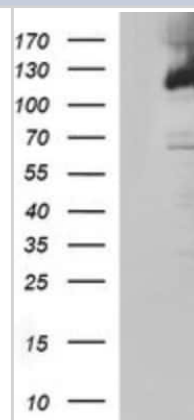
|                    |                                                                                                                                                                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Mouse PMS2 Antibody (OTI2G5) (NBP2-46459) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PMS2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Mouse                                                                                                                                                                                                                                         |
| <b>Gene ID</b>     | 5395                                                                                                                                                                                                                                          |
| <b>Gene Symbol</b> | PMS2                                                                                                                                                                                                                                          |
| <b>Species</b>     | Human                                                                                                                                                                                                                                         |
| <b>Immunogen</b>   | Full length human recombinant protein of human PMS2(NP_000526) produced in HEK293T cell.                                                                                                                                                      |

**Product Application Details**

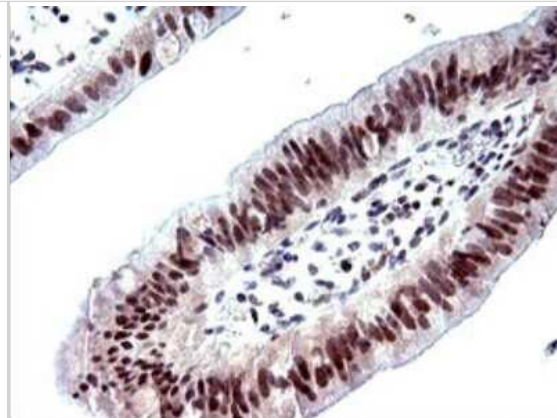
|                              |                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                         |
| <b>Recommended Dilutions</b> | Western Blot 1:500, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150 |

**Images**

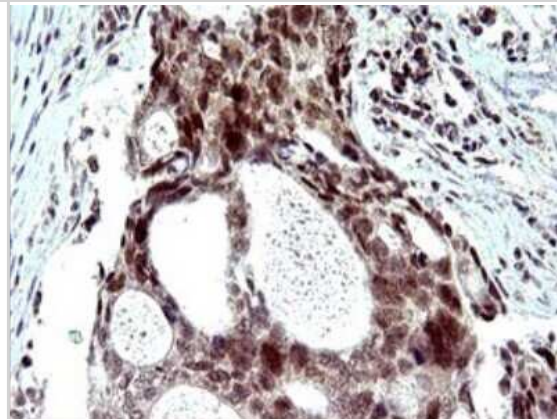
Western Blot: PMS2 Antibody (OTI2G5) [NBP2-46459] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PMS2.



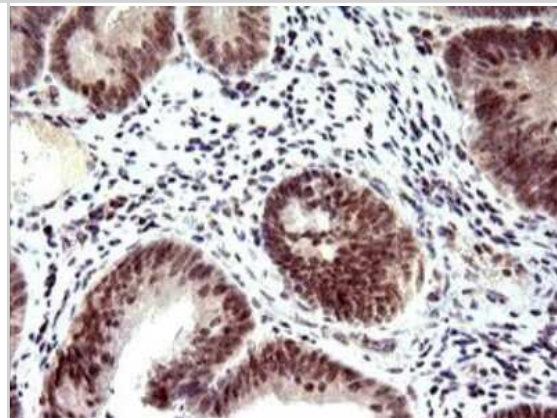
Immunohistochemistry: PMS2 Antibody (OTI2G5) [NBP2-46459] - Analysis of Carcinoma of Human pancreas tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



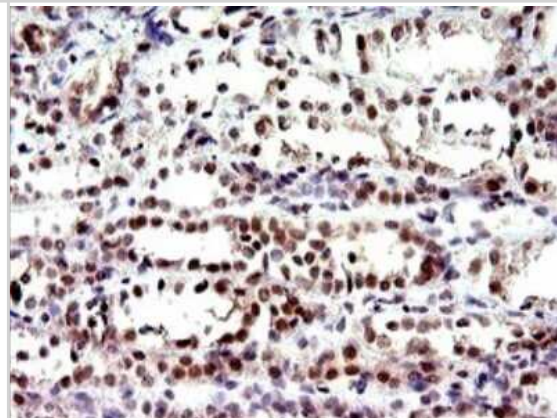
Immunohistochemistry: PMS2 Antibody (OTI2G5) [NBP2-46459] - Analysis of Adenocarcinoma of Human breast tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



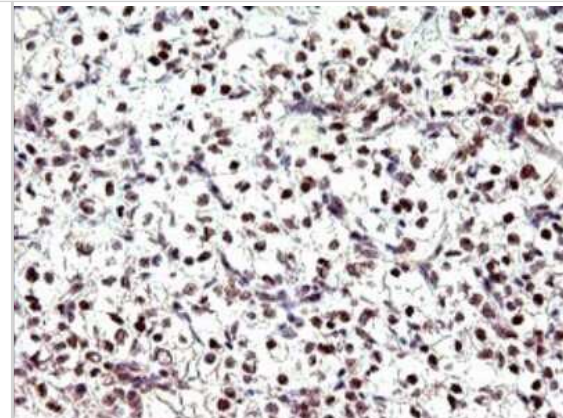
Immunohistochemistry: PMS2 Antibody (OTI2G5) [NBP2-46459] - Analysis of Adenocarcinoma of Human colon tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



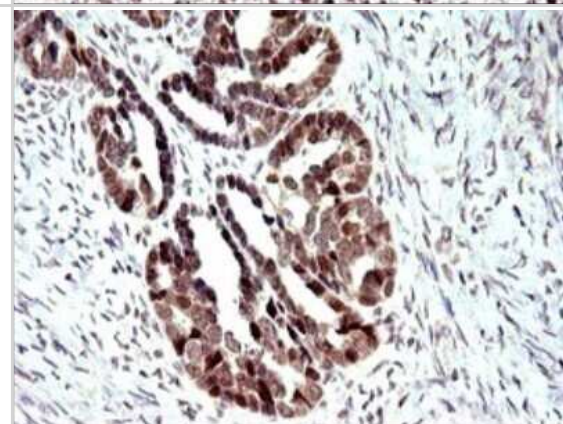
Immunohistochemistry: PMS2 Antibody (OTI2G5) [NBP2-46459] - Analysis of Human Kidney tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



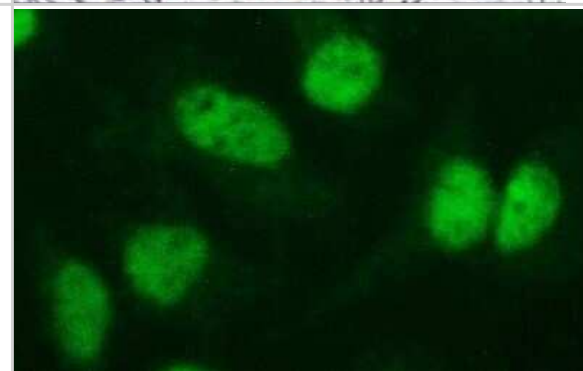
Immunohistochemistry: PMS2 Antibody (OTI2G5) [NBP2-46459] - Analysis of Carcinoma of Human kidney tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: PMS2 Antibody (OTI2G5) [NBP2-46459] - Analysis of Adenocarcinoma of Human ovary tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunofluorescence: PMS2 Antibody (OTI2G5) [NBP2-46459] - Analysis of HeLa cells.



## Publications

Calegari MA, Inno A, Monterisi S et al. A phase 2 study of temozolomide in pretreated metastatic colorectal cancer with MGMT promoter methylation. Br. J. Cancer. 2017-04-20 [PMID: 28427088] (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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-46459**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP2-27231         | Mouse IgG2b Isotype Control (MPC-11)                    |
| H00005395-P01-10ug | Recombinant Human PMS2 GST (N-Term) Protein             |

### **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/NBP2-46459](http://www.novusbio.com/reviews/submit/NBP2-46459)

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

