

# Product Datasheet

## IL-6 Antibody (OTI3G9) NBP1-47810

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)

**Reviews: 1 Publications: 2**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-47810](http://www.novusbio.com/NBP1-47810)

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/NBP1-47810](http://www.novusbio.com/reviews/destination/NBP1-47810)



**NBP1-47810**

IL-6 Antibody (OTI3G9)

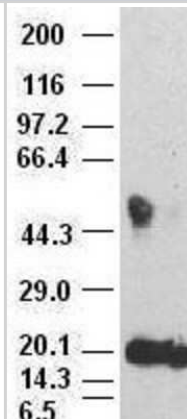
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3G9
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	23.5 kDa

Product Description	
Description	Novus Biologicals Mouse IL-6 Antibody (OTI3G9) (NBP1-47810) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-IL-6 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3569
Gene Symbol	IL6
Species	Human
Specificity/Sensitivity	This antibody is specific for Homo sapiens interleukin 6 (interferon, beta 2) (IL6).
Immunogen	Human recombinant protein fragment corresponding to amino acids 29-212 of human IL-6 (NP_000591) produced in E.coli.

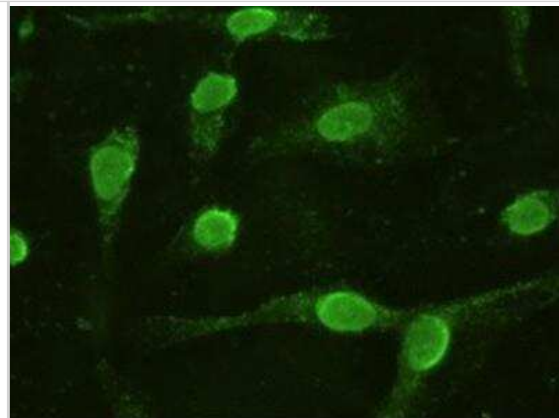
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

**Images**

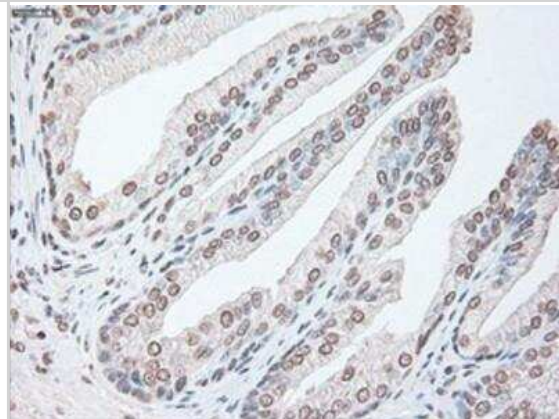
Western Blot: IL6 Antibody (3G9) [NBP1-47810] - IL6 antibody (3G9) at 1:500000 + recombinant human IL6 IL6 antibody (2G3) at 1:2000



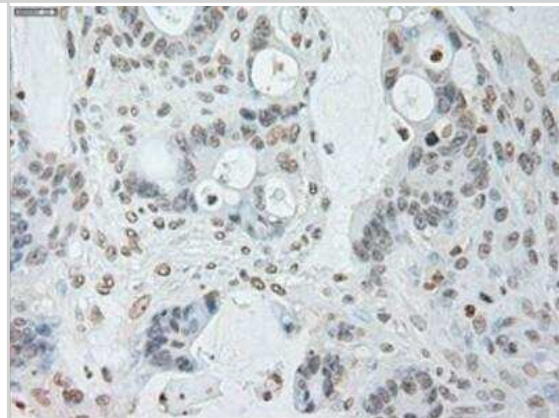
Immunocytochemistry/Immunofluorescence: IL-6 Antibody (3G9) [NBP1-47810] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY IL6.



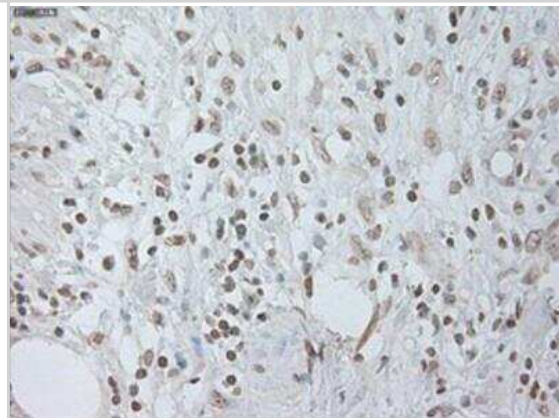
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Human prostate tissue using anti-IL6 mouse monoclonal antibody.



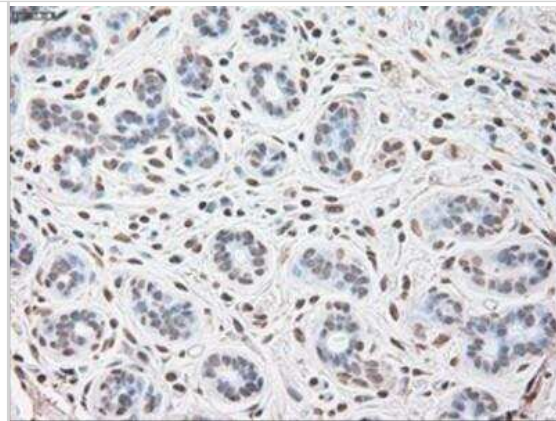
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-IL6 mouse monoclonal antibody.



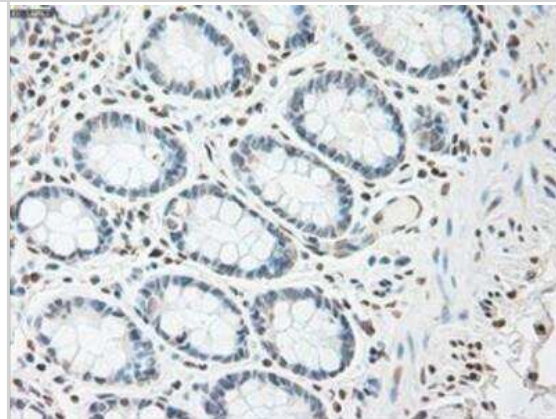
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-IL6 mouse monoclonal antibody.



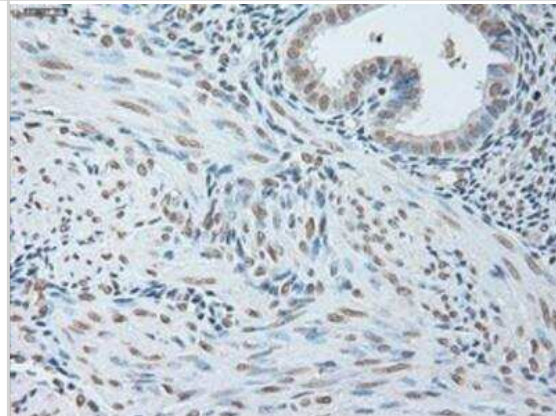
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Human breast tissue using anti-IL6 mouse monoclonal antibody.



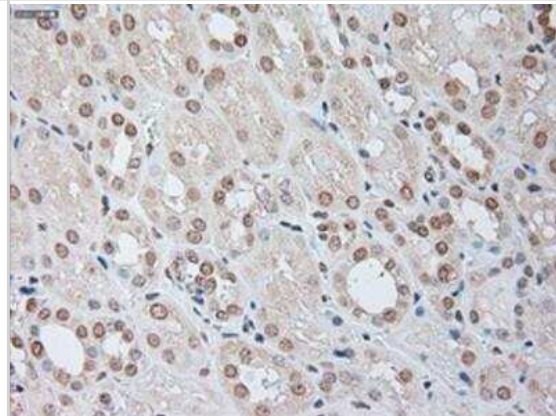
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Human colon tissue using anti-IL6 mouse monoclonal antibody.



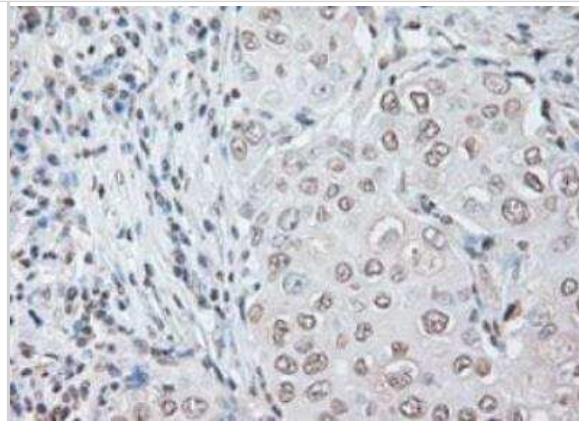
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Human endometrium tissue using anti-IL6 mouse monoclonal antibody.



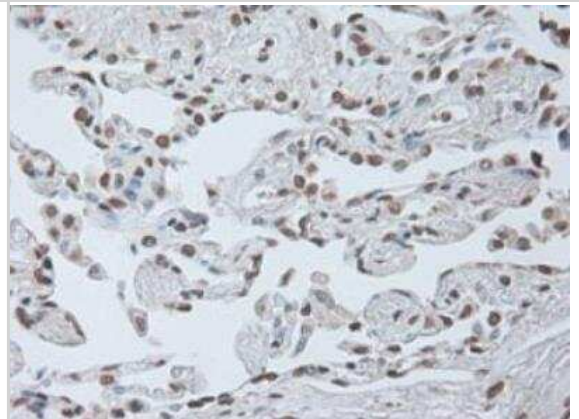
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Human Kidney tissue using anti-IL6 mouse monoclonal antibody.



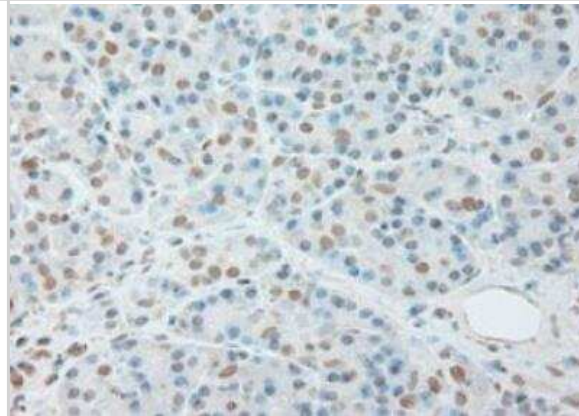
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Adenocarcinoma of Human breast tissue using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



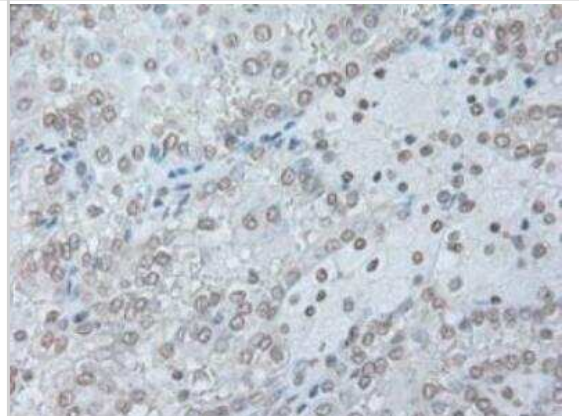
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Human lung tissue within the normal limits using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



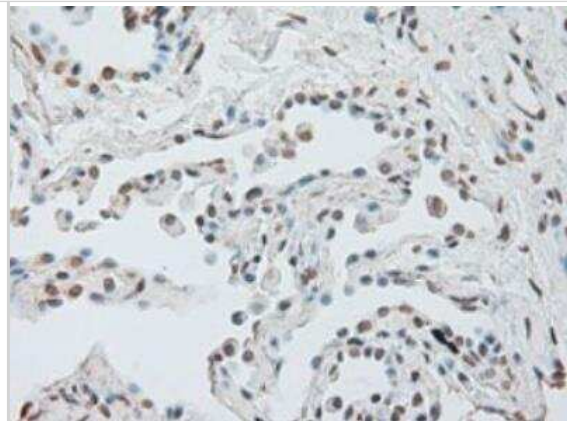
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Human pancreas tissue within the normal limits using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



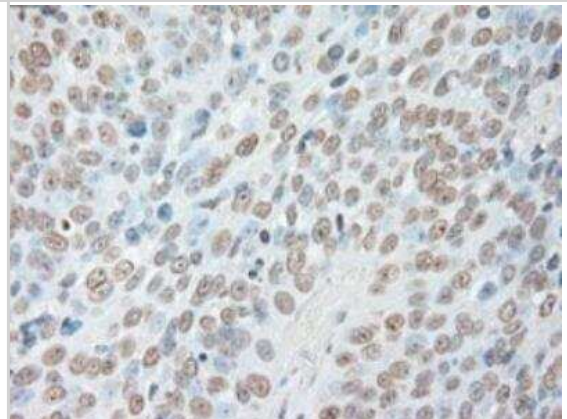
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Carcinoma of Human kidney tissue using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



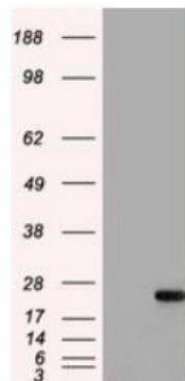
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Carcinoma of Human lung tissue using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



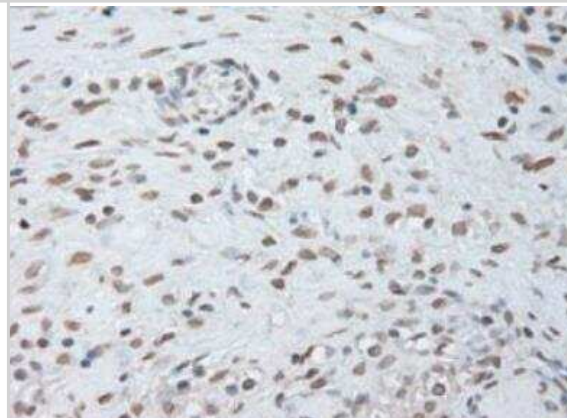
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Adenocarcinoma of Human ovary tissue using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



Western Blot: IL-6 Antibody (OTI3G9) [NBP1-47810] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IL-6 ( 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-IL-6.



Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Human Ovary tissue within the normal limits using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



## Publications

Kishore D, Gopal A, Gambhir I, Diwaker A Aging immunity, immunosenescence, or inflamm-aging: A comparative study of cytokines J Med Soc 2019-10-14 (ELISA, Human)

Al Aameri RFH, Sheth S, Alanisi EMA et al. Tonic suppression of PCAT29 by the IL-6 signaling pathway in prostate cancer: Reversal by resveratrol. PLoS ONE 2017-05-03 [PMID: 28467474] (IHC-P, Human)

### Details:

IL-6 expression levels were compared in prostate tumor samples and perinormal prostate tissue samples by way of immunohistochemistry on paraffin embedded tissue samples





### **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 NBP1-47810**

---

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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

---

### **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/NBP1-47810](http://www.novusbio.com/reviews/submit/NBP1-47810)

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

