

Product Datasheet

IL-6 Antibody (OTI3G9) NBP1-47810

Unit Size: 0.1 ml

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

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NBP1-47810

IL-6 Antibody (OTI3G9)

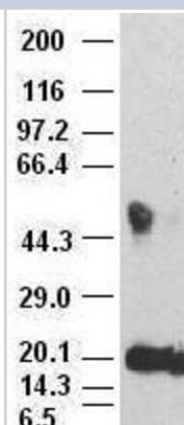
| Product Information | |
|-------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OTI3G9 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG2a |
| Purity | Immunogen affinity purified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

| Product Description | |
|-------------------------|--|
| 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. |

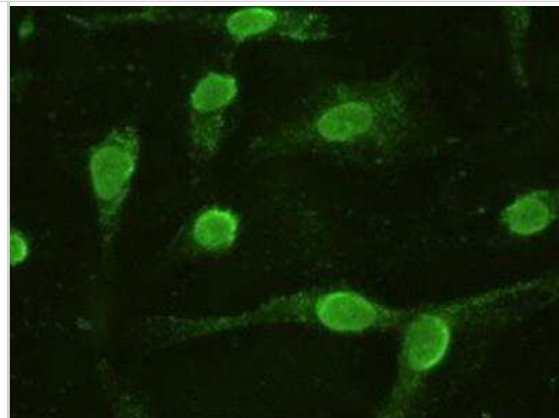
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:1000, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence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

Images

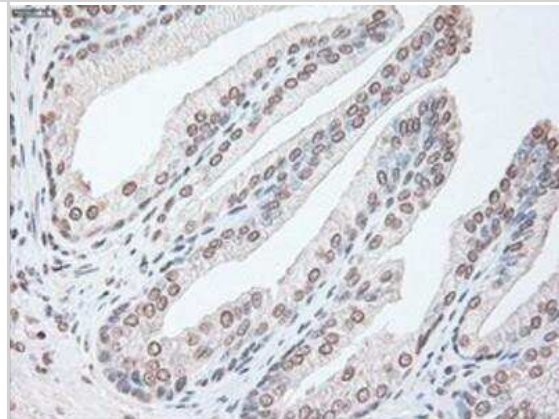
Western Blot: IL6 Antibody (3G9) [NBP1-47810] - IL6 antibody (3G9) at 1:500000 + recombinant human IL6 IL6 antibody (2G3) at 1:2000



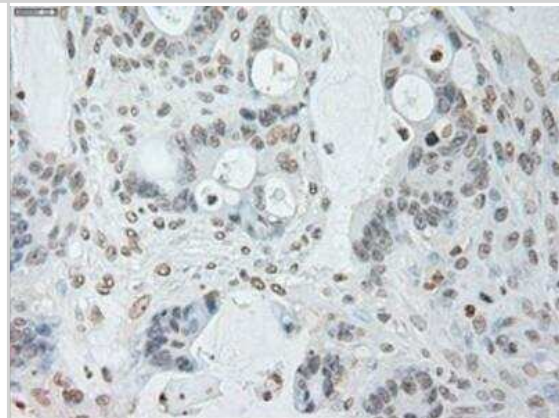
Immunocytochemistry/Immunofluorescence: IL-6 Antibody (3G9) [NBP1-47810] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY IL6.



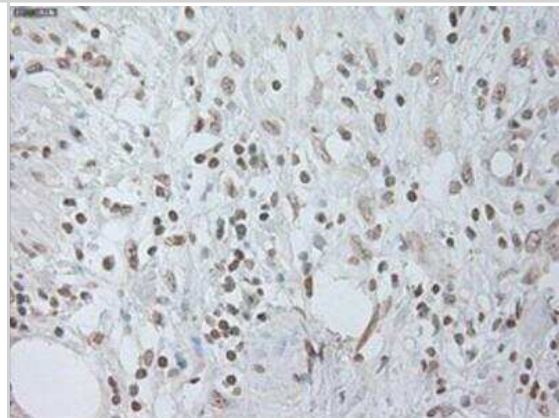
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Human prostate tissue using anti-IL6 mouse monoclonal antibody.



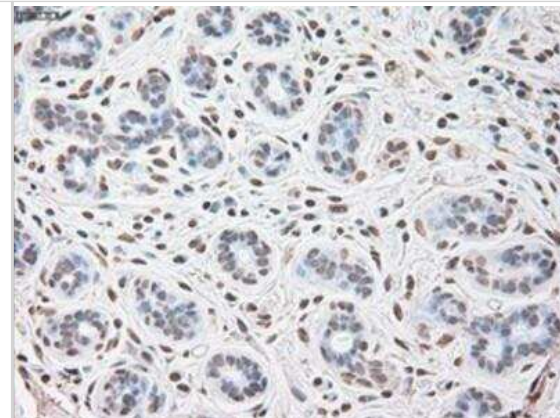
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-IL6 mouse monoclonal antibody.



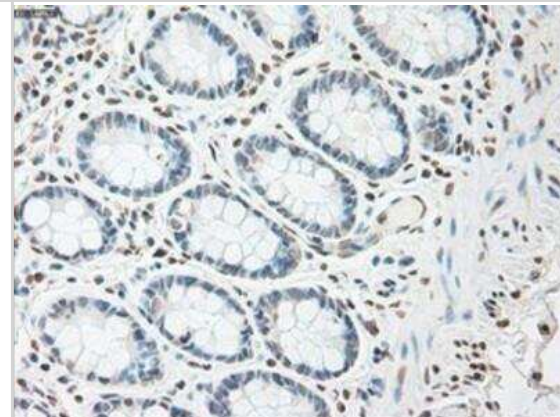
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-IL6 mouse monoclonal antibody.



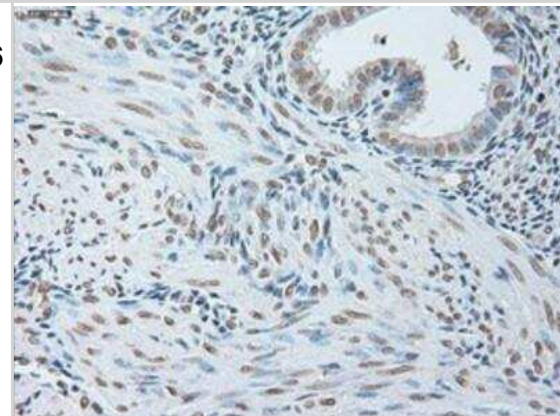
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Human breast tissue using anti-IL6 mouse monoclonal antibody.



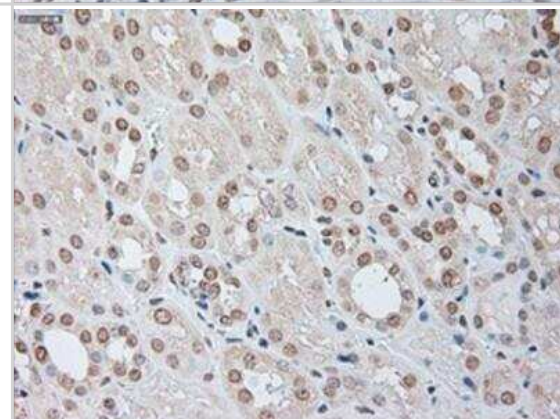
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Human colon tissue using anti-IL6 mouse monoclonal antibody.



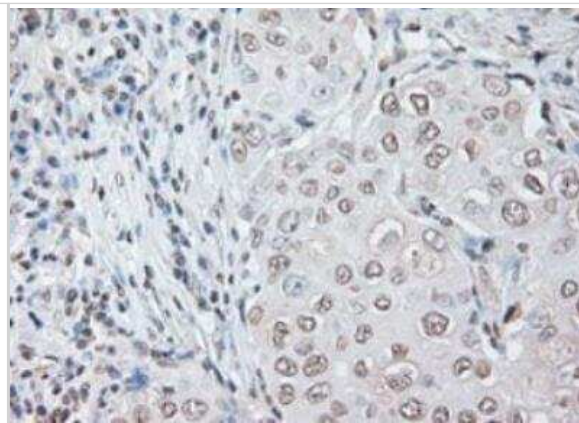
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Human endometrium tissue using anti-IL6 mouse monoclonal antibody.



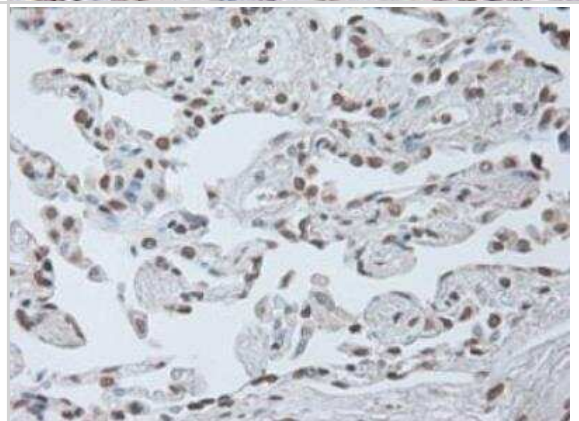
Immunohistochemistry-Paraffin: IL-6 Antibody (3G9) [NBP1-47810] - Staining of paraffin-embedded Human Kidney tissue using anti-IL6 mouse monoclonal antibody.



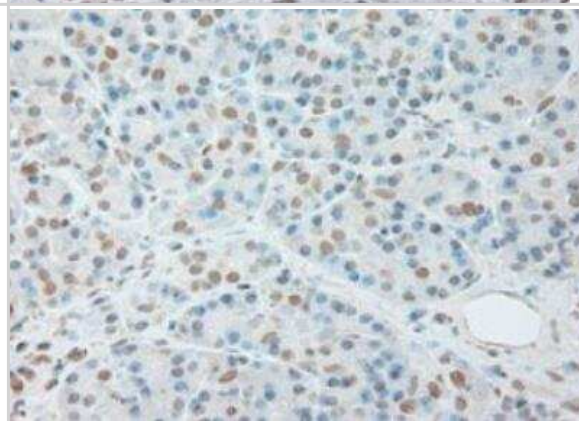
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Adenocarcinoma of Human breast tissue using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



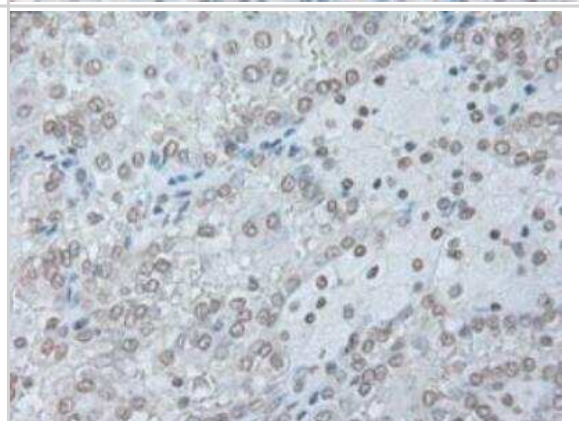
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Human lung tissue within the normal limits using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



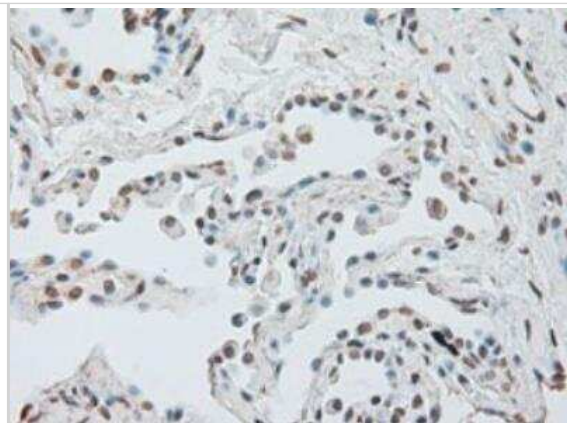
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Human pancreas tissue within the normal limits using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



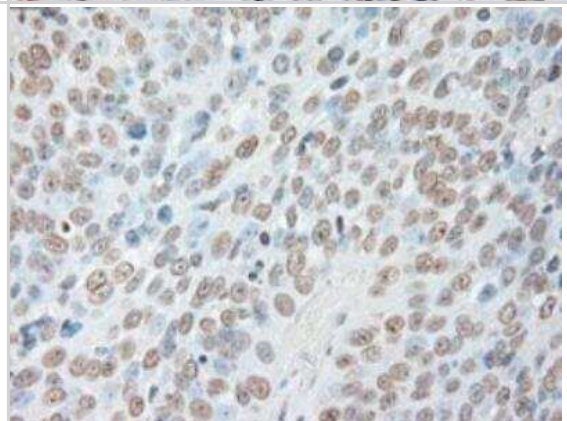
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Carcinoma of Human kidney tissue using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



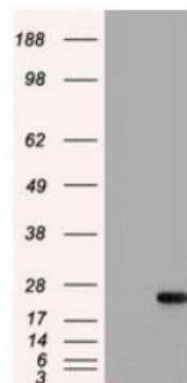
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Carcinoma of Human lung tissue using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



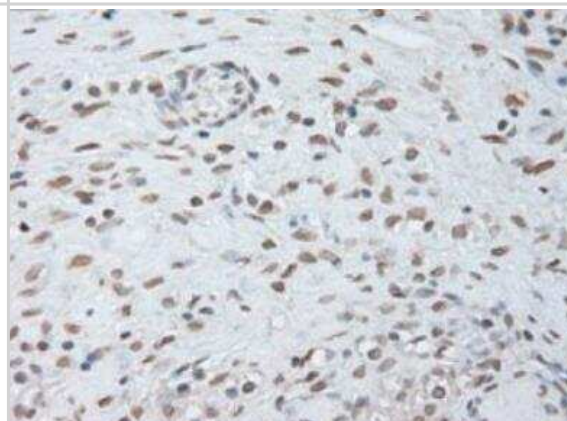
Immunohistochemistry-Paraffin: IL-6 Antibody (OTI3G9) [NBP1-47810] - Staining of Adenocarcinoma of Human ovary tissue using anti-IL-6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.)



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





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| | |
|-----------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96778 | Mouse IgG2a Isotype Control (M2A) |
| NBP2-35134-10ug | Recombinant Mouse IL-6 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.

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