

# Product Datasheet

## IL-6 Antibody (IL6/1270) - Azide and BSA Free NBP2-47987-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-47987-0.1mg**

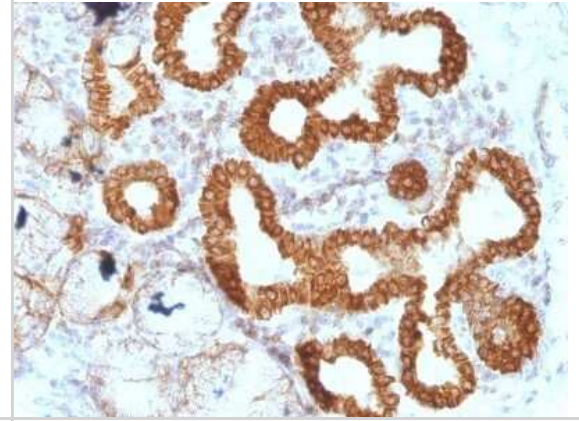
IL-6 Antibody (IL6/1270) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	IL6/1270
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	21 kDa
Product Description	
Host	Rat
Gene ID	3569
Gene Symbol	IL6
Species	Human, Mouse
Specificity/Sensitivity	IL-6 is a potent lymphoid cell growth factor that stimulates the growth and survivability of certain B-cells and T-cells. It plays a critical role in B-cell differentiation to plasma cells and is a potent growth factor for plasmacytoma and myeloma. IL-6 is produced by a variety of cell types, including monocytes, fibroblasts and endothelial cells. Upon stimulation, macrophages, T, B, mast, and glial cells, eosinophils, keratinocytes and granulocytes also secrete IL-6. It is involved in host defense, acute phase reactions, immune responses, and hematopoiesis.
Immunogen	Recombinant IL-6 protein
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1 - 2 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml, CyTOF-ready
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 30799288).

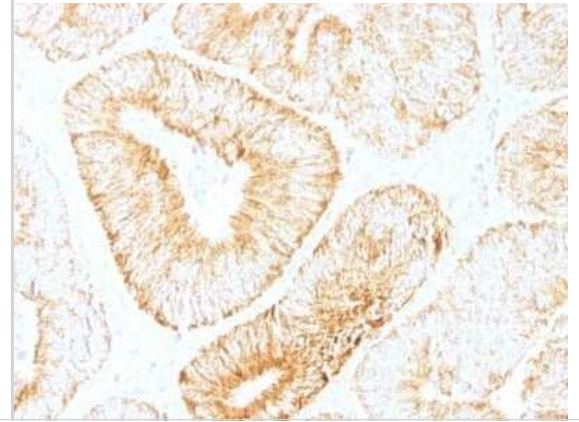


## Images

Immunohistochemistry-Paraffin: IL-6 Antibody (IL6/1270) - Azide and BSA Free [NBP2-47987] - Human Esophageal Carcinoma stained with IL-6 Monoclonal Antibody (IL6/1270).



Immunohistochemistry-Paraffin: IL-6 Antibody (IL6/1270) - Azide and BSA Free [NBP2-47987] - Human Colon Carcinoma stained with IL-6 Monoclonal Antibody (IL6/1270).





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### **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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