

Product Datasheet

IL-6 Antibody (IL6/1270)

NBP2-44953-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44953-0.1mg

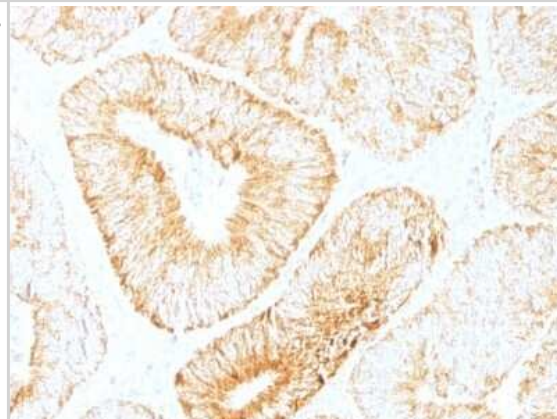
IL-6 Antibody (IL6/1270)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	IL6/1270
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM PBS and 0.05% BSA
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
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1 - 2 ug/ml
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 30799288).

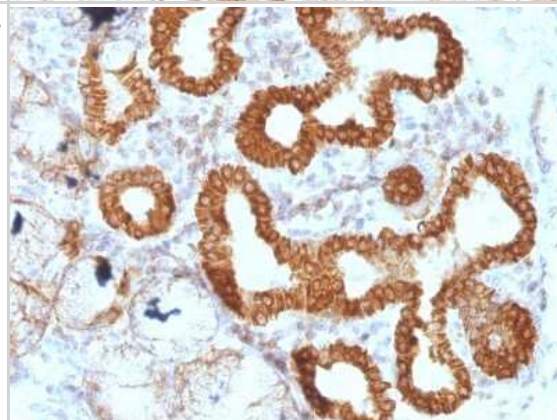


Images

Immunohistochemistry-Paraffin: IL-6 Antibody (IL6/1270) [NBP2-44953] - Human Colon Carcinoma stained with IL-6 Monoclonal Antibody (IL6/1270).



Immunohistochemistry-Paraffin: IL-6 Antibody (IL6/1270) [NBP2-44953] - Human Esophageal Carcinoma stained with IL-6 Monoclonal Antibody (IL6/1270).



Publications

Thompson PJ, Shah A, Apostolopolou CC, Bhushan A BET proteins are required for transcriptional activation of the senescent beta cell secretome in Type 1 Diabetes Int J Mol Sci 2019-09-29 [PMID: 31561444]

Jiang Z, Li H, Schroer SA et al. Hypophosphorylated pRb knock-in mice exhibit hallmarks of aging and vitamin C-preventable diabetes The EMBO journal 2022-01-13 [PMID: 35023164] (IHC-P, Mouse)

Bain, W G, PeNaloza, H F Et al. Lower Respiratory Tract Myeloid Cells Harbor SARS-Cov-2 and Display an Inflammatory Phenotype. Chest 2021-03-01 [PMID: 33217417] (SW, Human)

Ding Z, Qiu M, Alharbi M et al FOXO1 expression in chondrocytes modulates cartilage production and removal in fracture healing Bone 2021-03-04 [PMID: 33662610] (FLOW, Mouse)

Details:

Citation using the Alexa Fluor 488 version of this antibody.

Tang R, Paul C, Lattanzio R, et al. Partial loss of colonic primary cilia promotes inflammation and carcinogenesis bioRxiv 2019-12-29 (IHC-P, Human, Mouse)

Thompson PJ, Shah A, Ntranos V et al. Targeted Elimination of Senescent Beta Cells Prevents Type 1 Diabetes Cell Metab. 2019-02-14 [PMID: 30799288] (ICC/IF, Mouse)



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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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