

Product Datasheet

IL-6 Antibody (1-6) NBP2-89149

Unit Size: 100 ul

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

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Publications: 1

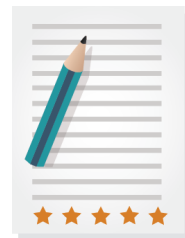
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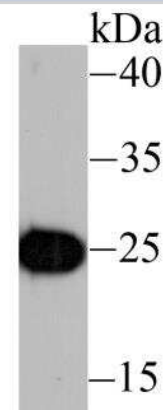
NBP2-89149**IL-6 Antibody (1-6)**

Product Information	
Unit Size	100 ul
Concentration	2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1-6
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	24 kDa
Product Description	
Description	Novus Biologicals Mouse IL-6 Antibody (1-6) (NBP2-89149) is a monoclonal antibody validated for use in IHC, WB 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	Mouse, Rat
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Immunogen	Recombinant protein within Mouse IL-6 aa 1-211 / 211. (SwissProt: P05231 Human; SwissProt: P08505 Mouse; SwissProt: P20607 Rat)
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry Reactivity reported in (PMID:36861839), Immunocytochemistry/ Immunofluorescence IF-Cell-1:50-1:1,000

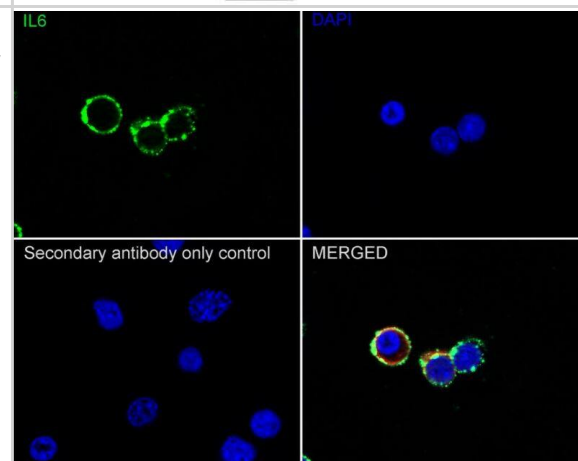


Images

Western Blot: IL-6 Antibody (1-6) [NBP2-89149] - Analysis of IL6 on recombinant protein lysate using anti-IL6 antibody at 1/1,000 dilution.



Immunocytochemistry/Immunofluorescence: IL-6 Antibody (1-6) [NBP2-89149] - Analysis of EL4 cells labeling IL-6 with Rabbit anti-IL-6 antibody at 1/1,000 dilution. Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-IL-6 antibody at 1/1,000 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488,) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI. Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594, HA1126) was used as the secondary antibody at 1/1,000 dilution.



Publications

Zhan X, Wen Z, Chen Y et al. Protocol to assemble metal-phenolic framework nanoparticles based on polyphenol-mediated biomimetic mineralization for wound healing in rats STAR protocols 2023-02-24 [PMID: 36861839] (IHC, Mouse)



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Products Related to NBP2-89149

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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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