

Product Datasheet

IL-6 Antibody - Azide and BSA Free NBP1-77894

Unit Size: 0.1 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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Updated 2/21/2025 v.20.1

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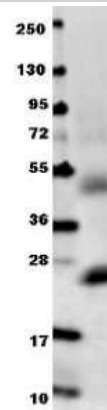
NBP1-77894

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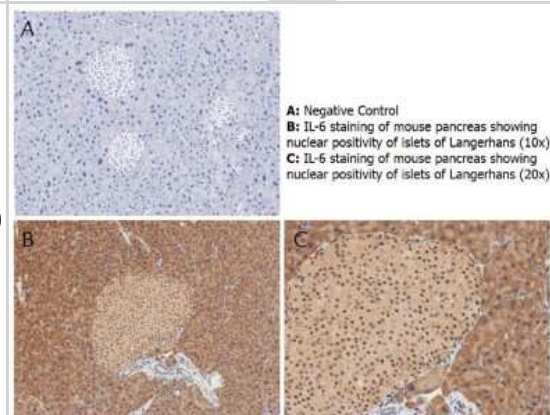
Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above</p> <p>Store this antibody at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	3569
Gene Symbol	IL6
Species	Mouse
Reactivity Notes	Cross-reactivity with IL-6 from other sources has not been determined
Immunogen	IL-6 Antibody prepared from rabbit antiserum after repeated immunizations with recombinant mouse IL-6 protein produced in E.coli. (Uniprot: P08505)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, ELISA 1:10000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This purified antibody has been tested for use in Immunohistochemistry and western blotting and is suitable for ELISA. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 21.7 kDa in size corresponding to the mature 187 amino acid mouse IL-6 protein by western blotting in appropriate cell lysate or extract.

Images

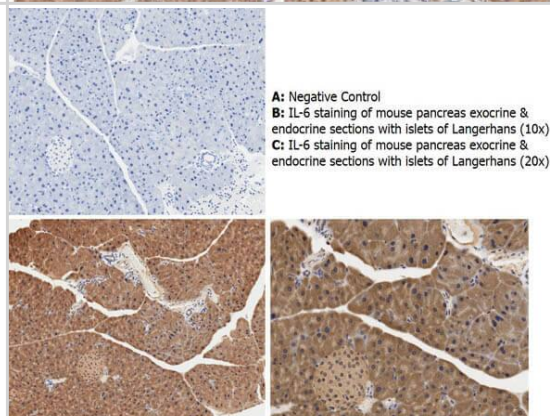
Western Blot: IL-6 Antibody [NBP1-77894] - Shows detection of recombinant mouse IL-6 raised in E.coli. Recombinant truncated protein (0.1 ug, 21.7 kDa) was loaded on to an SDS-PAGE gel, and after separation, transferred to nitrocellulose. The membrane was blocked with 1% BSA in TBST for 30 min at RT, followed by incubation with Anti-Mouse IL-6 antibody diluted 1:1,000 in 1% BSA in TBST overnight at 4C. After washes, the blot was reacted with secondary antibody DyLight (TM) 649 conjugated Anti-Rabbit IgG (H&L) (Goat) Antibody diluted 1:20,000 in blocking buffer for 30 min. at RT.



Immunohistochemistry: IL-6 Antibody [NBP1-77894] - Shows nuclear positivity of islets of Langerhans (brown staining) and cytoplasmic staining in mouse pancreas at 10x and 20x (B & C). Staining was performed on Leica Bond system using the standard protocol. Formalin fixed/paraffin embedded tissue sections were subjected to antigen retrieval with E1 (Leica Microsystems) retrieval solution for 20 min and then incubated with rabbit anti-mouse IL-6 antibody at 1:50 dilution for 60 minutes. Biotinylated Anti-rabbit secondary antibody was used at 1:200 dilution to detect primary antibody. The reaction was developed using streptavidin-HRP conjugated compact polymer system and visualized with chromogen substrate, 3'3-diamino-benzidine substrate (DAB). The sections were then counterstained with hematoxylin to detect cell nuclei.



Immunohistochemistry with anti-IL-6 antibody showing cytoplasmic IL-6 staining in mouse pancreas exocrine and endocrine sections with islets of Langerhans at 10x and 20x (B & C). Staining was performed on Leica Bond system using the standard protocol. Formalin fixed/paraffin embedded tissue sections were subjected to antigen retrieval with E1 (Leica Microsystems) retrieval solution for 20 min and then incubated with rabbit anti-mouse IL-6 antibody at 1:50 dilution for 60 minutes. Biotinylated Anti-rabbit secondary antibody was used at 1:200 dilution to detect primary antibody. The reaction was developed using streptavidin-HRP conjugated compact polymer system and visualized with chromogen substrate, 3'3-diamino-benzidine substrate (DAB). The sections were then counterstained with hematoxylin to detect cell nuclei.





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Products Related to NBP1-77894

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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