

# Product Datasheet

## IL-13 Antibody - BSA Free NBP1-42776

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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**NBP1-42776**

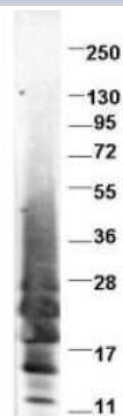
IL-13 Antibody - BSA Free

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	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Protein A purified
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was Protein-A purified from monospecific antiserum by chromatography</p> <p>Store vial 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	3596
Gene Symbol	IL13
Species	Porcine, Bovine, Sheep
Reactivity Notes	A BLAST analysis was used to suggest reactivity with IL-13 from swine sources based on 100% homology with the immunizing sequence. The following homologies may indicate chances of cross-reactivity when amino acid similarity and not just exact sequence is accounted: 89-90% homology to IL-13 from sheep, dolphin, beluga, and bovine, 83-88% to human and certain monkey IL-13, 80-82% to dusky titi, macaque, baboon, mangabey, dog, llama, camel, and galago, 75-78% to horse, and 67-72% to rat, mouse, and gerbil. Cross-reactivity with IL-13 from other sources has not been determined.
Immunogen	This protein-A purified IL-13 Antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant protein raised in yeast, corresponding to mature swine IL-13 protein. (Uniprot: B3GDZ5)
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1.5-2 ug/ml, ELISA 1:11000
Application Notes	This product has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 13.2 kDa in size corresponding to swine IL-13 protein by western blotting in the appropriate cell lysate or extract.

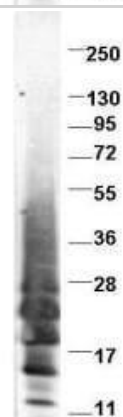


## Images

Western Blot: IL-13 Antibody [NBP1-42776] - Analysis of recombinant swine IL-13 at 13.2kDa (arrow) raised in yeast. Multiple bands are expected of the glycosylated protein. Protein was purified and resolved by SDS-PAGE, then transferred to PVDF membrane. Membrane was blocked with 3% BSA (BSA-30, diluted 1:10), and probed with , Inc. Anti-swine IL-13. After washing, membrane was probed with Dylight 649 Conjugated Anti-Rabbit IgG (H&L) (Donkey) Antibody.



Western blot using protein-A purified anti-swine IL-13 antibody shows detection of recombinant swine IL-13 at 13.2kDa raised in yeast. Multiple bands are expected of the glycosylated protein. Protein was purified and resolved by SDS-PAGE, then transferred to PVDF membrane. Membrane was blocked with 3% BSA (BSA-30, diluted 1:10), and probed with , Inc. Anti-swine IL-13. After washing, membrane was probed with Dylight (TM) 649 Conjugated Anti-Rabbit IgG (H&L) (Donkey) Antibody ().





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### **Products Related to NBP1-42776**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35018-10ug	Recombinant Human IL-13 Protein

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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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