

# Product Datasheet

## Transferrin Antibody - BSA Free

### NB600-931-0.1mg

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Updated 2/21/2025 v.20.1

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**NB600-931-0.1mg**

Transferrin Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	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	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
Description	<p>This antibody 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Transferrin [Human Serum]</p> <p>Aliquot contents and freeze at -20C or below for extended storage. 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	7018
Gene Symbol	TF
Species	Human
Reactivity Notes	Cross reactivity against Transferrin from other tissues and species may occur but have not been specifically determined
Specificity/Sensitivity	Cross reactivity against Transferrin from other tissues and species may occur but have not been specifically determined.
Immunogen	Transferrin Antibody was produced by repeated immunizations with human serum Transferrin protein. (Uniprot: P02787)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000-1:10000, ELISA 1:20000-1:100000, Immunohistochemistry 1:1000-1:5000, Immunohistochemistry-Paraffin 1:1000-1:5000
Application Notes	This product has been tested in western blotting, ELISA and IHC. Researchers should determine optimal titers for applications that are not stated below.



## Images

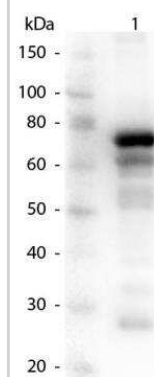
Western Blot: Transferrin Antibody [NB600-931] - Lane 1: molecular weight. Lane 2: Rabbit Antibody was diluted to 1:1000 for 2 hrs at RT. Secondary antibody: Rabbit IgG (H&L) Antibody DyLight (TM) 649 conjugated (green), Goat IgG (H&L) Antibody DyLight (TM) 549 conjugated (red), Mouse IgG (H&L) Antibody DyLight (TM) 488 conjugated (blue) secondary antibody at 1:10,000 for 45 min at RT. Block: IRdye blocking buffer for 1hr at 4C.



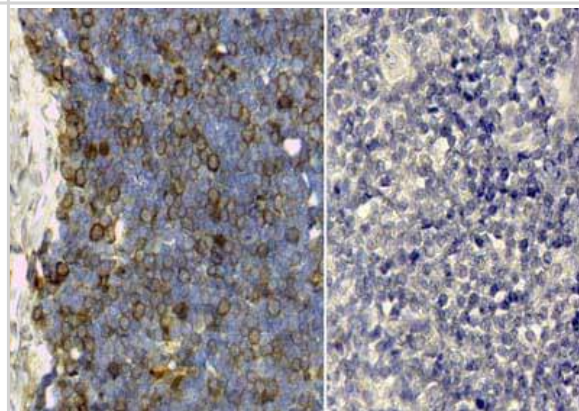
Western Blot: Transferrin Antibody [NB600-931] - Lane 1: molecular weight. Lane 2: anti-Transferrin (green), Goat-anti-Alpha-1-Anti-Trypsin, and Mouse-a-GST were used in a multiplex system to detect target proteins under reducing conditions in albumin depleted human serum with 320 ng of added GST. Load: 35 ug per lane.



Western Blot: Transferrin Antibody [NB600-931] - Lane 1: Human Transferrin. Lane 2: None.



Immunohistochemistry of Transferrin Antibody. Tissue: Proliferant, cycling human thymus. Antigen Retrieval: HIER pH6.2. Staining: diffuse cytoplasmic and membrane staining. Right: Transferrin antibody 209-4134 at 1:100. Left: Normal Rabbit IgG Neg Ctrl.





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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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