

# Product Datasheet

## TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free NBP2-80976

Unit Size: 0.1 mg

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

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**NBP2-80976**

TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free

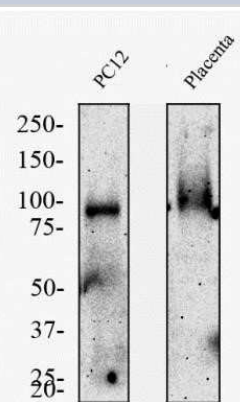
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OX26
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free (NB200-585) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7037
Gene Symbol	TFRC
Species	Mouse, Rat
Immunogen	PHA activated rat lymphocytes.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:50-1:200, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Flow (Intracellular), CyTOF-ready
Application Notes	This antibody is CyTOF ready.

**Images**

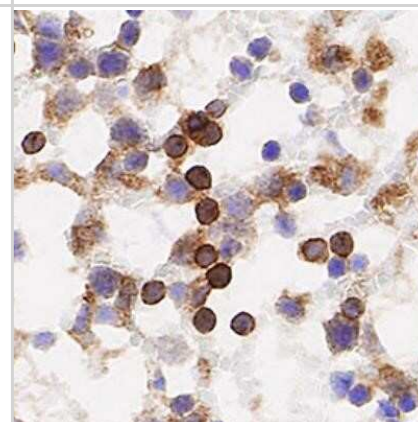
Western Blot: TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - Total protein from rat adrenal gland cells (PC12) and rat placenta was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2 ug/ml anti-CD71 in 1% milk, and detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



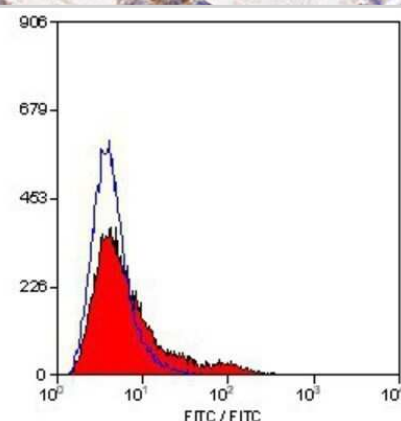
**Immunocytochemistry/Immunofluorescence:** TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - PC-12 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton X-100. The cells were incubated with anti TfR/Transferrin R (OX26) NB200-585 at a 1:100 dilution overnight at 4C and detected with an anti-mouse DyLight 488 (green) at a 1:500 dilution. Actin was detected with Phalloidin 568 (red) at a 1:200 dilution. Nuclei were counterstained with DAPI (blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



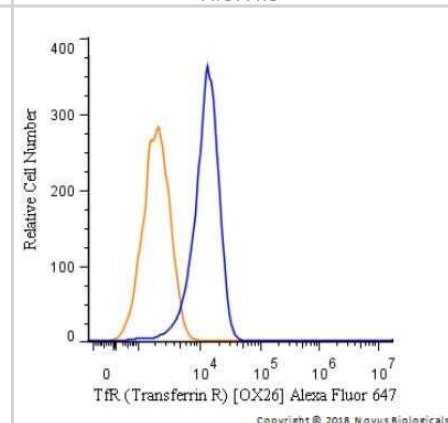
**Immunohistochemistry-Paraffin:** TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - Analysis of FFPE mouse spleen using TfR (OX26) antibody at 1:50 on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quench



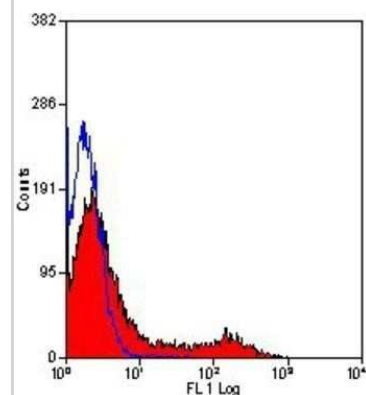
**Flow Cytometry:** TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - Staining of rat spleen lymphocytes with mouse anti rat CD71. Image from the standard format of this antibody.



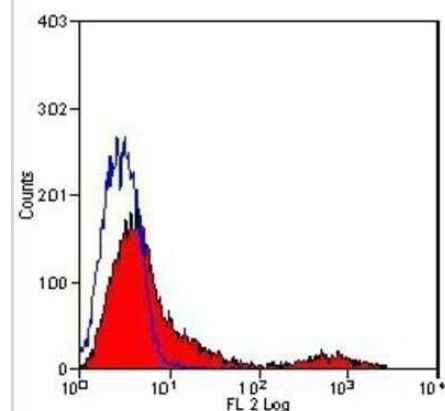
**Flow Cytometry:** TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - An intracellular stain was performed on PC12 cells with TfR (Transferrin R) [OX26] Antibody NB200-585AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.



Flow Cytometry: TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - Analysis using the Biotin conjugate of NB200-585. Staining of mouse spleen.



Flow Cytometry: TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - Staining of rat spleen cells with mouse anti rat CD71: RPE. Image from the standard format of this antibody.





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### **Products Related to NBP2-80976**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NB100-92243PEP	TfR (Transferrin R) Antibody Blocking Peptide

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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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