

# 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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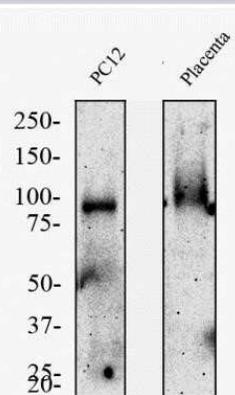
**NBP2-80976**

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

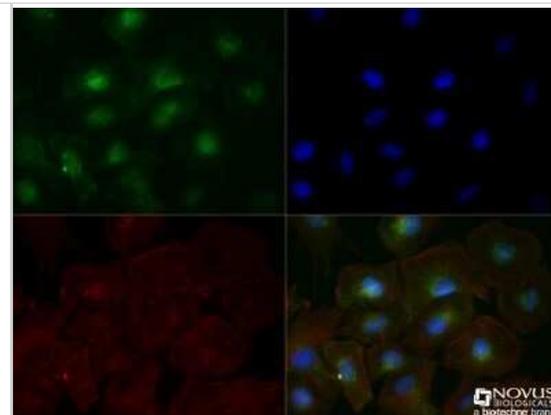
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OX26
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	7037
Gene Symbol	TFRC
Species	Mouse, Rat
Immunogen	PHA activated rat lymphocytes.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, 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**

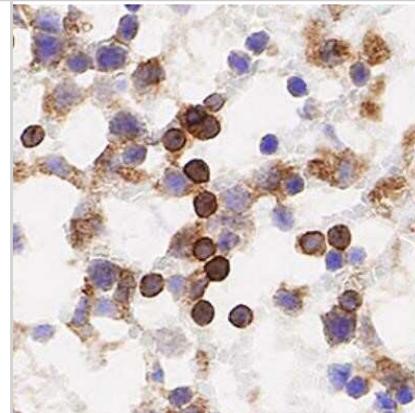
Western Blot: TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - Total protein from rat adrenal gland cells (PC12) and rat placenta was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2 ug/ml anti-CD71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



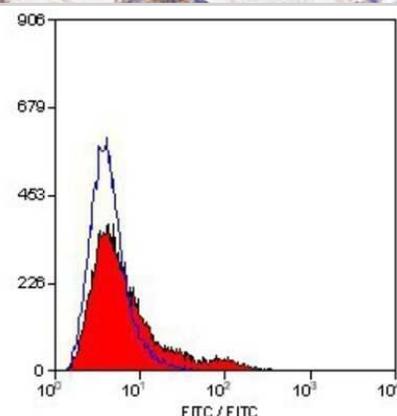
**Immunocytochemistry/Immunofluorescence:** TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - PC-12 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton X-100. The cells were incubated with anti TfR/Transferrin R (OX26) 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.



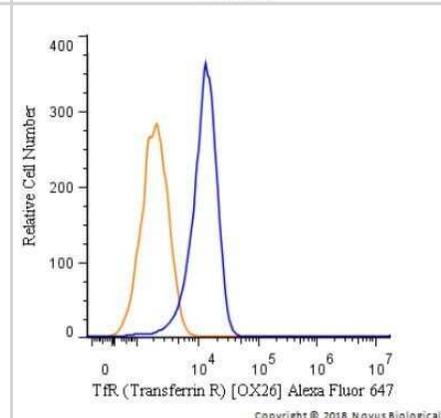
**Immunohistochemistry-Paraffin:** TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - Analysis of FFPE mouse spleen using TfR (OX26) antibody at 1:50 on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium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



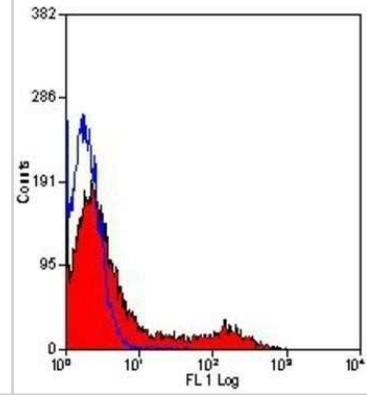
**Flow Cytometry:** TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - Staining of rat spleen lymphocytes with mouse anti rat CD71. Image from the standard format of this antibody.



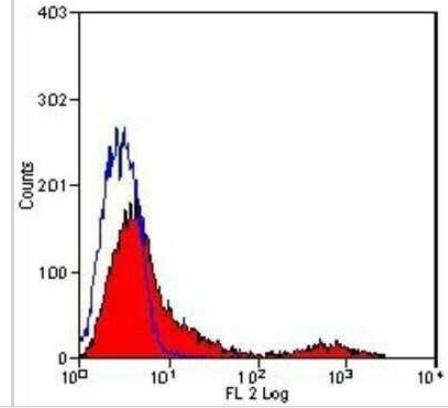
**Flow Cytometry:** TfR (Transferrin R) Antibody (OX26) - Azide and BSA Free [NBP2-80976] - An intracellular stain was performed on PC12 cells with TfR (Transferrin R) [OX26] Antibody NB200-585AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 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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