

Product Datasheet

TfR (Transferrin R) Antibody (TFRC/1817) NBP2-53274-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-53274-100ug

TfR (Transferrin R) Antibody (TFRC/1817)

Product Information

Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	TFRC/1817
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

Product Description

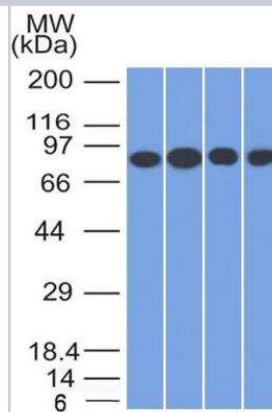
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54467) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	7037
Gene Symbol	TFRC
Species	Human
Specificity/Sensitivity	It recognizes a ~90-95kDa protein which is identified as cell surface transferrin receptor (CD71), a disulfide-bonded homodimeric glycoprotein of 180-190kDa. This monoclonal antibody is highly specific to CD71 and shows no cross-reaction with other related proteins. Ligand for transferrin receptor is the serum iron transport protein, transferrin. This receptor is broadly distributed in carcinomas, sarcomas, leukemias, and lymphomas. CD71/Transferrin receptor has been reported to be associated with cell proliferation in both normal and neoplastic tissues and useful in predicting clinical behavior or response to therapy in a number of malignancies including breast cancer.
Immunogen	Recombinant extracellular fragment (around aa 94-212) of human TfR (Transferrin R) protein (exact sequence is proprietary) (Uniprot: P02786)

Product Application Details

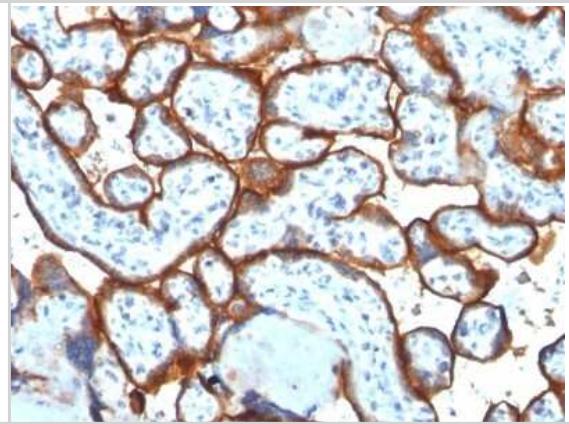
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-1.0 ug/ml, ELISA 2-4 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA. Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

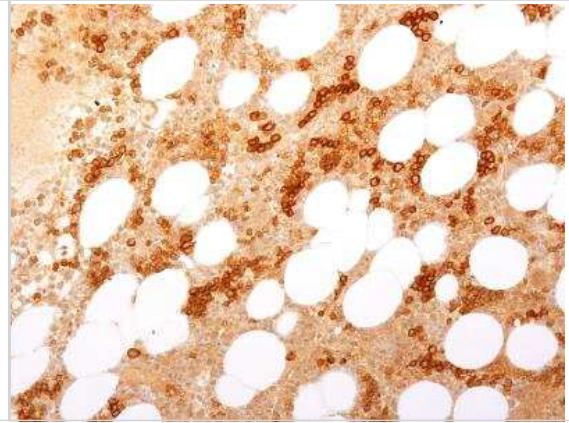
Western Blot: TfR (Transferrin R) Antibody (TFRC/1817) [NBP2-53274] - Analysis of A) Jurkat (B) HeLa (C) MCF-7 & (D) K562 Cell lysate



Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody (TFRC/1817) [NBP2-53274] - Formalin-fixed, paraffin-embedded Human Placenta stained with CD71 Monoclonal Antibody (TFRC/1817).



Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody (TFRC/1817) [NBP2-53274] - Formalin-fixed, paraffin-embedded Human Bone Marrow stained





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Products Related to NBP2-53274-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NB100-92243PEP	TfR (Transferrin R) Antibody Blocking Peptide

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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