

Product Datasheet

TfR (Transferrin R) Antibody (DF1513) - Azide and BSA Free **NBP2-34602-0.1mg**

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-34602-0.1mg

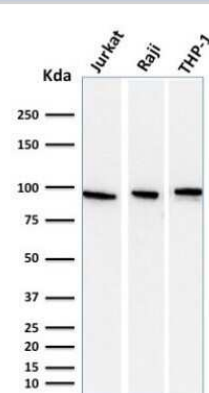
TfR (Transferrin R) Antibody (DF1513) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	DF1513
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Product Description	
Description	<p>1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32945).</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
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 (Workshop IV). 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	KG1 acute myeloid leukemia cell line
Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 0.25-0.5ug/ml, Simple Western, Flow Cytometry 0.5-1ug/million cells, Immunocytochemistry/ Immunofluorescence 1-2ug/ml, CyTOF-ready
Application Notes	Optimal dilution for a specific application should be determined.

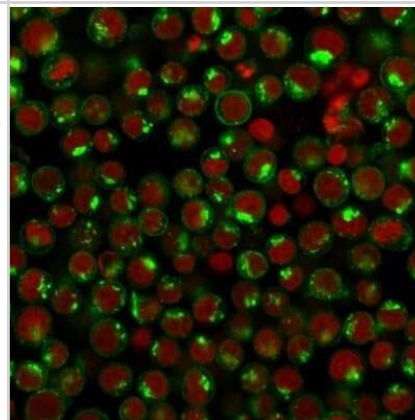


Images

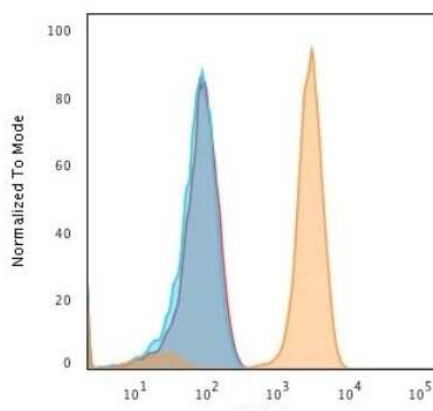
Western Blot: TfR (Transferrin R) Antibody (DF1513) - Azide and BSA Free [NBP2-34602] - Western Blot Analysis of Jurkat, Raji, and THP-1 cell lysate using TfR (Transferrin R) Antibody (DF1513).



Immunocytochemistry/Immunofluorescence: TfR (Transferrin R) Antibody (DF1513) - Azide and BSA Free [NBP2-34602] - Immunofluorescence Analysis of Human Jurkat cells labeling CD71 with TfR (Transferrin R) Antibody (DF1513) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Red Dot (Red)



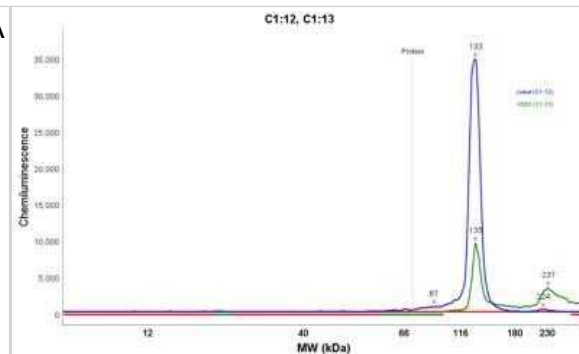
Flow Cytometry: TfR (Transferrin R) Antibody (DF1513) - Azide and BSA Free [NBP2-34602] - Flow Cytometric Analysis of human Jurkat cells using TfR (Transferrin R) antibody (DF1513) followed by Goat anti-Mouse IgG-CF488 (Orange); cells alone (Blue); Isotype Control (Red).



Simple Western: TfR (Transferrin R) Antibody (DF1513) - Azide and BSA Free [NBP2-34602] - Simple Western lane view shows a specific band for TfR (Transferrin R) in 0.2 mg/ml of Jurkat (left) and K562 (right) lysate (s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: TfR (Transferrin R) Antibody (DF1513) - Azide and BSA Free [NBP2-34602] - Electropherogram image of the corresponding Simple Western lane. TfR (Transferrin R) antibody was used at 10 ug/ml dilution of Jurkat and K562 lysates(s) respectively.





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Products Related to NBP2-34602-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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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