

Product Datasheet

TfR (Transferrin R) Antibody (DF1513) [Janelia Fluor® 585] NBP2-34602JF585

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34602JF585

TfR (Transferrin R) Antibody (DF1513) [Janelia Fluor® 585]

| Product Information | |
|---------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | DF1513 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Janelia Fluor 585 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| 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 |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, CyTOF-ready |
| Recommended Dilutions | Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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