Recombinant CD71 / Transferrin Receptor (TFRC) Antibody

Rabbit Monoclonal Antibody [Clone TFRC/2898R]

Catalog No	Format	Size
7037-RBM10-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7037-RBM10-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7037-RBM10-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

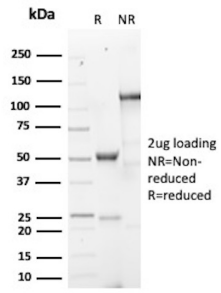
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

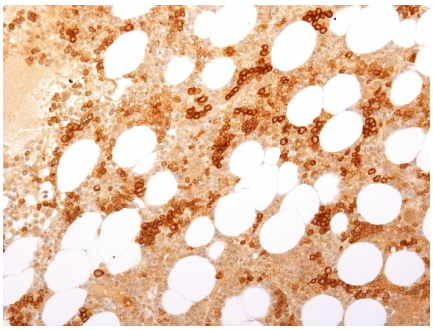
Clone	TFRC/2898R
Immunogen	Recombinant fragment (around aa94-212) of the human CD71 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	84.87kDa
Cellular Localization	Cell membrane, Melanosome, Secreted
Species Reactivity	Human
Positive Control	HeLa, Jurkat, MCF-7 or K562 cells. Human placenta or Bone Marrow.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant CD71 / Transferrin Receptor (TFRC) Antibody



SDS-PAGE Analysis of Purified Transferrin receptor protein 1 Rabbit Monoclonal Antibody (TFRC/2898R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded Human Bone Marrow stained with CD71 Rabbit Recombinant Monoclonal Antibody (TFRC/2898R).

Specificity & Comments

It recognizes a ~90-95kDa protein which is identified as cell surface transferrin receptor (CD71), a disulfide-bonded homodimeric glycoprotein of 180-190kDa. This MAb 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.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.