

Rabbit anti-Human Transferrin Receptor 1 Monoclonal Antibody | anti-TFRC antibody

Recombinant Transferrin Receptor 1 Monoclonal Antibody

CATALOG # AAA178810	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Transferrin Receptor 1; Monoclonal Antibody; Recombinant Transferrin Receptor 1 Monoclonal Antibody; TFRC; CD71; IMD46; T9; TFR; TFR1; TR; TRFR; p90; anti-TFRC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	R08-6H2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-TFRC antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human Transferrin Receptor
Research Area	Cancer, Cardiovascular, Metabolism, Immunology, Stem Cells
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of Transferrin Receptor(green) in HeLa cells using Transferrin Receptor Rabbit mAb at dilution 1:200, and DAPI(blue)



WB (Western Blot)

Western blot detection of Transferrin Receptor in K562, HeLa cell lysates using Transferrin Receptor Rabbit mAb(1:1000 diluted). Predicted band size: 84kDa. Observed band size: 90kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TFRC antibody	CD71, also known as transferrin receptor protein 1 (TfR1), is a transmembrane glycoprotein composed of two disulfide-linked monomers, each of 90 kDa molecular weight. Each monomer binds one holo-transferrin molecule creating an iron-Tf-TfR complex which enters the cell by endocytosis. CD71 is present on actively proliferating cells and is essential for iron transport into proliferating cells.
Product Categories/Family for anti-TFRC antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	189458819
NCBI GeneID	7037
NCBI Accession #	NP_001121620.1
NCBI GenBank Nucleotide #	NM_001128148.1
UniProt Accession #	P02786; Q1HE24; Q59G55; Q9UCN0; Q9UCU5; Q9UDF9; Q9UK21; D3DXB0
Molecular Weight	84,871 Da
NCBI Official Full Name	transferrin receptor protein 1
NCBI Official Synonym Full Names	transferrin receptor (p90, CD71)
NCBI Official Symbol	TFRC
NCBI Official Synonym Symbols	T9; TR; TFR; p90; CD71; TFR1; TRFR
NCBI Protein Information	transferrin receptor protein 1
UniProt Protein Name	Transferrin receptor protein 1
UniProt Gene Name	TFRC
UniProt Synonym Gene Names	TR; TfR; TfR1; Trfr; sTfR
UniProt Entry Name	TFR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/transferrin-receptor-1-antibody-clone-r08-6h2-immunofluorescence-western-blot-elisa/178810>