

Mouse TFRC Monoclonal Antibody | anti-TFRC antibody

TFRC Mouse mAb

CATALOG # AAA268540	HOST Mouse	REACTIVITY Human, Mouse, Monkey, Rat	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TFRC; Monoclonal Antibody; TFRC Mouse mAb; T9; TR; TFR; p90; CD71; TFR1; TRFR; anti-TFRC antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Monkey, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1A1B2
Purity/Purification	Affinity Purified
Form/Format	PBS with 0.05% Sodium Azide
Sequence Length	760
Applicable Applications for anti-TFRC antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human TFRC (AA: 608-727) expressed in E. Coli.
Cellular Localization	Cell Membrane, Membrane, Secreted
Preparation and Storage	Store at 4°C short term. Store at -20°C long term. Avoid freeze/thaw cycle.

ADDITIONAL INFORMATION

Related Product Information for anti-TFRC antibody	<p>Transferrin receptor is a carrier protein for transferrin. It is needed for the import of iron into the cell and is regulated in response to intracellular iron concentration. Low iron concentrations promote increased levels of transferrin receptor, to increase iron intake into the cell. Thus, transferrin receptor maintains cellular iron homeostasis. Expression of human TFR1, but not human TFR2, in hamster cell lines markedly enhanced the infection of viruses pseudotyped with the glycoprotein of Machupo, Guanarito, and Junin viruses, but not with those of Lassa or lymphocytic choriomeningitis viruses. An anti-TFR1 antibody efficiently inhibited the replication of Machupo, Guanarito, Junin, and Sabia viruses, but not that of Lassa virus. TFR1 is a cellular receptor for New World hemorrhagic fever arenaviruses.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189458819
NCBI GeneID	7037
NCBI Accession #	NP_001121620.1
NCBI GenBank Nucleotide #	NP_001121620.1
UniProt Accession #	P02786

Molecular Weight	85kDa
NCBI Official Full Name	transferrin receptor protein 1 isoform 1
NCBI Official Synonym Full Names	transferrin receptor
NCBI Official Symbol	TFRC
NCBI Official Synonym Symbols	T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46
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/tfrc-antibody-clone-1a1b2-flow-cytometry-immunocytochemistry-immunohistochemistry-western-blot-elisa/268540>