

Rabbit anti-Human TFRC Monoclonal Antibody | anti-TFRC antibody

Anti-TFRC antibody (7C1), IgG1 Chimeric mAb

CATALOG # AAA129463	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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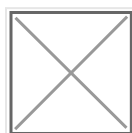
PRODUCT SYNONYMS

TFRC; Monoclonal Antibody; Anti-TFRC antibody (7C1); IgG1 Chimeric mAb; TR; TfR; TfR1; Trfr; T9; p90; CD71; anti-TFRC antibody

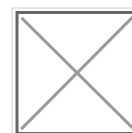
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/Human Fc chimeric IgG1
Clone Number	7C1
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Applicable Applications for anti-TFRC antibody	FCM/FACS (Flow Cytometry)
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

IMAGES



FCM/FACS (Flow Cytometry)
Figure 2. Flow cytometry analysis of antigen binding of anti-human TFRC mAb(AAA129463).



FCM/FACS (Flow Cytometry)
Figure 1. Flow cytometry analysis with 1ug/mL Anti-TFRC (7C1) mAb on Expi293 cells transfected with human TFRC (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

ADDITIONAL INFORMATION

Related Product Information for anti-TFRC antibody	This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]
Product Categories/Family for anti-TFRC antibody	Monoclonal antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	189458819
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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/tfrc-antibody-clone-7c1-flow-cytometry-elisa/129463>