

Mouse TFR2 Monoclonal Antibody | anti-TFR2 antibody

TFR2 antibody

CATALOG # AAA107121	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

TFR2; Monoclonal Antibody; TFR2 antibody; Monoclonal TFR2; Anti-TFR2; HFE3; MGC126368; TFR2; TFR 2; TFR-2; anti-TFR2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1B1
Purity/Purification	TFR2 antibody was purified by affinity chromatography.
Form/Format	Liquid in PBS, pH 7.3 containing 1% BSA, 50% Glycerol and 0.02% sodium azide as a preservative.
Concentration	1.13 mg/mL (varies by lot)
Sequence Length	630
Applicable Applications for anti-TFR2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	This gene encodes a single-pass type II membrane protein, which is a member of the transferrin receptor-like family. This protein mediates cellular uptake of transferrin-bound iron, and may be involved in iron metabolism, hepatocyte function and erythrocyte differentiation. Mutations in this gene have been associated with hereditary hemochromatosis type III.
Cross-Reactivity	Human, Monkey, Mouse
Immunogen	Full length recombinant protein of human TFR2 produced in HEK293T cell
Preparation and Storage	Upon receipt at -20°C . Avoid repeat freeze-thaw cycles.

IMAGES



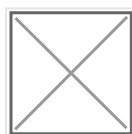
IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant TFR2 protein using TFR2 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TFR2 protein (Right) or empty vector (Left) detected with TFR2 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant TFR2 protein (red) or empty vector (blue) stained using TFR2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TFR2 antibody	Mouse monoclonal TFR2 antibody
Product Categories/Family for anti-TFR2 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	332309171
NCBI GeneID	7036
NCBI Accession #	NP_001193784.1
NCBI GenBank Nucleotide #	NM_001206855.1
UniProt Accession #	Q9UP52 ; O75422 ; Q1HE13 ; Q9HA99 ; Q9NX67 ; A6NGM7
NCBI Official Full Name	transferrin receptor protein 2 isoform 2
NCBI Official Synonym Full Names	transferrin receptor 2
NCBI Official Symbol	TFR2
NCBI Official Synonym Symbols	HFE3; TFRC2
NCBI Protein Information	transferrin receptor protein 2
UniProt Protein Name	Transferrin receptor protein 2
UniProt Gene Name	TFR2
UniProt Synonym Gene Names	TfR2
UniProt Entry Name	TFR2_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/tfr2-antibody-clone-1b1-western-blot-immunofluorescence-flow-cytometry-elisa/107121>