

Transferrin/ transferrin - transferrin receptor complex Monoclonal Antibody | anti-TFRC antibody

Monoclonal mouse anti-transferrin

CATALOG # AAA78056	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Transferrin/ transferrin - transferrin receptor complex; Monoclonal Antibody; Monoclonal mouse anti-transferrin; anti-TFRC antibody

PRODUCT SPECIFICATIONS

Clonality	Monoclonal
Isotype	IgG1 for MAbs 2A2, 1C10, 8B9, 11D3, 12A6
Specificity	Human transferrin for all MAbs Complex between transferrin and soluble transferrin receptor for MAbs 8b9 and 11D3. MAb 2A2 reacts with N-terminal domain of human transferrin. MABS 2A2 and 1C10 do not cross-react with mouse, rabbit, bovine transferrin and with human lactoferrin.
Purity/Purification	Chromatography on protein A Sepharose for MAbs 8B9, 11D3 and 12A6, and chromatography on protein G Sepharose for MAbs 2A2 and 1C10
Form/Format	PBS, pH 7.4, 0.09% sodium azide (NaN ₃)
Concentration	4.2 mg/mL (varies by lot)
Sequence Length	769
Applicable Applications for anti-TFRC antibody	ELISA
MAb	12A6
Material Safety Note	This product is for research use only. Standard Laboratory Practices should be followed when handling this material. Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Preparation and Storage	+4°C (+2...+8°C allowed).

ADDITIONAL INFORMATION

Related Product Information for anti-TFRC antibody	Hybridoma clones for MAbs 2A2 and 1C10 have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of a Balb/c mice immunized with purified transferrin from pooled human plasma. Hybridoma clones for MAbs 8B9, 11D3 and 12A6. have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with placental transferrin receptor or transferrin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57163845
NCBI GeneID	493880

NCBI Accession #	NP_001009312.1
NCBI GenBank Nucleotide #	NM_001009312.1
NCBI Official Full Name	transferrin receptor protein 1
NCBI Official Symbol	TFRC
NCBI Protein Information	transferrin receptor protein 1; TR; TfR; TfR1; trfr
UniProt Protein Name	Transferrin receptor protein 1
UniProt Gene Name	TFRC
UniProt Synonym Gene Names	TR; TfR; TfR1; Trfr
UniProt Entry Name	TFR1_FELCA

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-transferrin-transferrin-receptor-complex-antibody-elisa/78056>