

Product datasheet for **TA504590AM**

Transferrin Receptor 2 (TFR2) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1D8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1D8
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TFR2(NP_003218) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	88.6 kDa
Gene Name:	transferrin receptor 2
Database Link:	NP_003218 Entrez Gene 7036 Human Q9UP52



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Background:

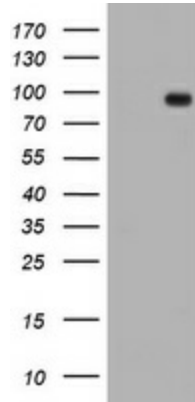
This gene encodes a single-pass type II membrane protein, which is a member of the transferrin receptor-like family. This protein mediates cellular uptake of transferrin-bound iron, and may be involved in iron metabolism, hepatocyte function and erythrocyte differentiation. Mutations in this gene have been associated with hereditary hemochromatosis type III. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2011]

Synonyms:

HFE3; TFRC2

Protein Families:

Druggable Genome, Protease, Transmembrane

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TFR2 ([RC220060], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TFR2. Positive lysates [LY401114] (100ug) and [LC401114] (20ug) can be purchased separately from OriGene.