

TFR2 monoclonal antibody (M01), clone 3C5

Catalog # H00007036-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TFR2.
Immunogen	TFR2 (NP_003218, 631 a.a. ~ 731 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	IRLSHDRLLPLDFGRYGDVVLRHIGNLNEFSGDLKARGLTLQWVYSARGDYIRAAEKLQRQEISSEERDERLTRMYNVRIMRVEFYFLSQYVSPADSPFR*
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (95)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — TFR2

Entrez GeneID	7036
GeneBank Accession#	NM_003227

Protein Accession#	NP_003218
Gene Name	TFR2
Gene Alias	HFE3, MGC126368, TFRC2
Gene Description	transferrin receptor 2
Omim ID	604250 604720
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the transferrin receptor-like family and encodes a single-pass type II membrane protein with a protease associated (PA) domain, an M28 peptidase domain and a transferrin receptor-like dimerization domain. This protein mediates cellular uptake of transferrin-bound iron and mutations in this gene have been associated with hereditary hemochromatosis type III. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]
Other Designations	-

Disease

- [Abortion](#)
- [alpha-Thalassemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chondrocalcinosis](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Hepatitis C](#)
- [Hereditary hemochromatosis](#)

- [Hypertension](#)
- [Iron Metabolism Disorders](#)
- [Iron Overload](#)
- [Leukemia](#)
- [Liver Diseases](#)
- [Porphyria](#)
- [Porphyria Cutanea Tarda](#)
- [Rheumatic Diseases](#)
- [Thalassemia](#)