

TFRC/TFR2 monoclonal antibody, clone CY-TFR

Catalog # MAB6780

Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against TFRC/TFR2.
Immunogen	Purified human TFRC/TFR2.
Host	Mouse
Reactivity	Human
Specificity	This antibody react with human Transferrin Receptor.
Form	Lyophilized
Isotype	IgG1, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS, pH 7.2
Storage Instruction	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TFR2

Entrez GeneID	7036
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	-

Gene Info — TFRC

Entrez GeneID	7037
Gene Name	TFRC
Gene Alias	CD71, TFR, TFR1, TRFR
Gene Description	transferrin receptor (p90, CD71)
Omim ID	190010
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	transferrin receptor

Publication Reference

- [Insulin-induced exocytosis regulates the cell surface level of low density lipoprotein-related protein-1 in Müller Glial cells.](#)

Actis Dato V, Grosso RA, Sánchez MC, Fader CM, Chiabrando GA.

The Biochemical Journal 2018 May; 475(9):1669.

Application: WB , Human, MIO-M1 cells

Pathway

- [Endocytosis](#)
- [Hematopoietic cell lineage](#)

Disease

- [Abortion](#)
- [Abortion](#)
- [Adenomatous Polyps](#)
- [alpha-Thalassemia](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cardiovascular Diseases](#)
- [Chondrocalcinosis](#)
- [Colorectal Neoplasms](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)

- [Glomerulonephritis](#)
- [Hemochromatosis](#)
- [Hemochromatosis](#)
- [Hepatitis C](#)
- [Hepatitis C](#)
- [Hereditary hemochromatosis](#)
- [Hereditary hemochromatosis](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Iron Metabolism Disorders](#)
- [Iron Overload](#)
- [Iron Overload](#)
- [Leukemia](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Myeloproliferative Disorders](#)
- [Ovarian cancer](#)
- [Porphyria](#)
- [Porphyria](#)
- [Porphyria Cutanea Tarda](#)
- [Porphyria Cutanea Tarda](#)

- [Pregnancy Complications](#)
- [Pulmonary Disease](#)
- [Rheumatic Diseases](#)
- [Thalassemia](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)