

RecomAb™

TFR2 recombinant monoclonal antibody, clone R04-7T7

Catalog # RAB05214 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human Transferrin Receptor 2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human Transferrin Receptor 2
Theoretical MW (kDa)	Calculated MW: 89 kD
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(1/50-1/100) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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 -

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](#)