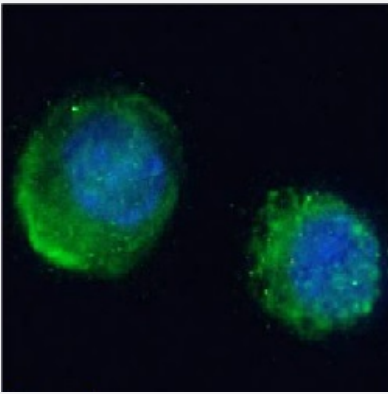


RecomAb™

TF recombinant monoclonal antibody, clone TW4.20

Catalog # RAB03912 Size 200 ug

Applications



Immunofluorescence

Immunofluorescence analysis of TF (green) in HepG2 cells using human anti-Serotransferrin recombinant monoclonal antibody, clone TW4.20 (Cat # RAB03912), and DAPI(blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against iron-free purified human transferrin.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to iron-free purified human transferrin.
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Blocking ELISA Flow cytometry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS (0.02% Proclin 300)

Storage Instruction

Store at 4°C for 3 months. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

- Immunofluorescence

Immunofluorescence analysis of TF (green) in HepG2 cells using human anti-Serotransferrin recombinant monoclonal antibody, clone TW4.20 (Cat # RAB03912), and DAPI(blue).

- Enzyme-linked Immunoabsorbent Assay

- Blocking

- Flow Cytometry

Gene Info — TF

Entrez GeneID[7018](#)**Protein Accession#**[Q06AH7](#)**Gene Name**

TF

Gene Alias

DKFZp781D0156, PRO1557, PRO2086

Gene Description

transferrin

Omim ID[190000](#) [209300](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum. [provided by RefSeq]

Other Designations

-

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Anoxia](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Femur Head Necrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Iron Metabolism Disorders](#)

- [Iron Overload](#)
- [Ischemia](#)
- [Liver Cirrhosis](#)
- [Macular Degeneration](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Neurodegenerative Diseases](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Psychiatric Status Rating Scales](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)