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Product Information

Recombinant Anti-Human tf Antibody

Cat. No.: **MOM-18500**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is against Human TF, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.

Specific Activity

Tested positive against native antigen.

Target

TF

Immunogen

Full length native protein (purified) (Pig).

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

Suitable for use in Neut and most other immunological methods.

Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

ANTIGEN GENE INFOMATION

Gene Name

TF transferrin [Homo sapiens]

Official Symbol

TF

Synonyms

TF; transferrin; serotransferrin; PRO1557; PRO2086; siderophilin; beta-1 metal-binding globulin; TFQTL1; DKFZp781D0156

Gene ID

7018

mRNA Refseq

NM_001063

Protein Refseq

NP_001054

MIM

190000

UniProt ID

P02787

Chromosome Location

3q21

Pathway

EPHB forward signaling, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem; Hemostasis, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem;

Function

ferric iron binding; metal ion binding; protein binding; ubiquitin protein ligase binding;

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