

Product Information

Recombinant Anti-Human tf Antibody Fab Fragment

Cat. No.: **MOM-18500-F(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment binds selectively to Human TF, expressed in E. coli

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

Fab

Expression Host

E. coli

Purity

>95%, by SDS-PAGE with silver staining, under reducing conditions.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFORMATION

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;