

Product Information

Recombinant Anti-Human ftl Antibody Fab Fragment

Cat. No.: **MOM-18360-F(E)**

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

Product Overview

Recombinant Mouse Antibody Fab Fragment is bind to Human FTL, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney.

Specific Activity

Tested positive against native antigen.

Target

FTL

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

CHO

Purity

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

Applications

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

Storage

At -20°C for one year.

ANTIGEN GENE INFORMATION

Gene Name

[FTL ferritin, light polypeptide \[Homo sapiens \]](#)

Official Symbol

FTL

Synonyms

FTL; ferritin, light polypeptide; ferritin light chain; ferritin L subunit; ferritin L chain; ferritin light polypeptide like 3; L apoferritin; MGC71996; ferritin L-chain; ferritin light polypeptide-like 3; NBIA3

Gene ID

[2512](#)

mRNA Refseq

[NM_000146](#)

Protein Refseq

[NP_000137](#)

MIM

[134790](#)

UniProt ID

P02792

Chromosome Location

19q13.33

Pathway

Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; Porphyrin and chlorophyll metabolism, organism-specific biosystem;

Function

ferric iron binding; ferroxidase activity; identical protein binding; iron ion binding; oxidoreductase activity;