SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human ftl Antibody Fab Fragment

Cat. No.: **MOM-18360-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 FTL, expressed in E. coli

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

E. coli

Purity

Purity >95% by SDS-PAGE.

Applications

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

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFOMATION

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;

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com