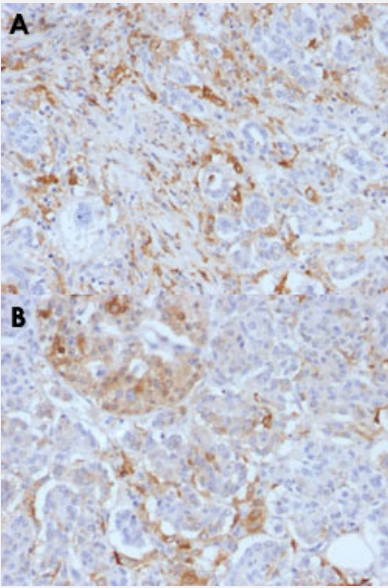


FTL monoclonal antibody, clone FTL/1388

Catalog # MAB14540 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas (A, B) with FTL monoclonal antibody, clone FTL/1388 (Cat # MAB14540).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human FTL.
Immunogen	Recombinant protein corresponding to amino acids 38-165 of human FTL.
Host	Mouse
Theoretical MW (kDa)	19-25
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2a

Recommend Usage

Flow Cytometry (0.1-0.2 ug/10⁶ cells)
Immunofluorescence (0.1-0.2 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.1-0.2 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer

In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas (A, B) with FTL monoclonal antibody, clone FTL/1388 (Cat # MAB14540).

- Immunofluorescence

- Flow Cytometry

Gene Info — FTL

Entrez GeneID

[2512](#)

Protein Accession#

[P02792](#)

Gene Name

FTL

Gene Alias

MGC71996

Gene Description

ferritin, light polypeptide

Omim ID

[134790](#) [600886](#) [606159](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes. [provided by RefSeq]

Other Designations

L apoferritin|ferritin L subunit|ferritin L-chain|ferritin light chain|ferritin light polypeptide-like 3

Publication Reference

- [Ferritin immunohistochemistry as a marker for microglia.](#)

Kaneko Y, Kitamoto T, Tateishi J, Yamaguchi K.

Acta Neuropathologica 1989 Nov; 79(2):129.

Disease

- [Alzheimer disease](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Lung Neoplasms](#)
- [Parkinson disease](#)