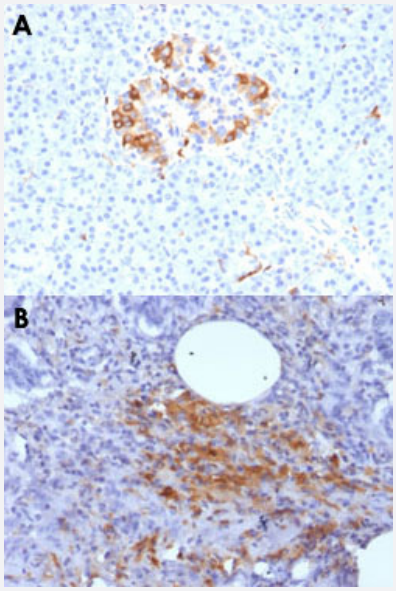
FTL monoclonal antibody, clone FTL/1389

Catalog # MAB14797 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/1389 (Cat # MAB14797).

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	IgG1

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Recommend Usage	Flow Cytometry (0.1-0.2 ug/10^6 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.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

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/1389 (Cat # MAB14797).

- 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 stor age protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light fer ritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and releas e in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic stat e. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes. [provided by Ref Seq
Other Designations	L apoferritin|ferritin L subunit|ferritin L-chain|ferritin light chain|ferritin light polypeptide-like 3

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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

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