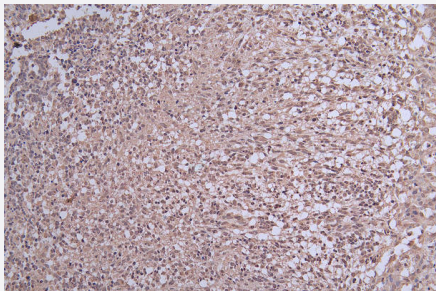


RecomAb™

FTL recombinant monoclonal antibody, clone 12D12

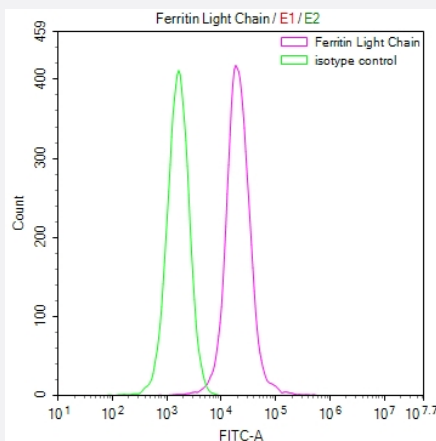
Catalog # RAB07708 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of FTL recombinant monoclonal antibody, clone 12D12 diluted at 1:50 and staining in paraffin-embedded human glioma cancer performed on a Leica Bond™ system.



Flow Cytometry

Overlay Peak curve showing MCF-7 cells stained with FTL recombinant monoclonal antibody, clone 12D12 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FTL.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human FTL.
Reactivity	Human
Form	Liquid

Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Immunohistochemistry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Immunohistochemistry image of FTL recombinant monoclonal antibody, clone 12D12 diluted at 1:50 and staining in paraffin-embedded human glioma cancer performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Overlay Peak curve showing MCF-7 cells stained with FTL recombinant monoclonal antibody, clone 12D12 (red line) at 1:50.

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

Disease

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