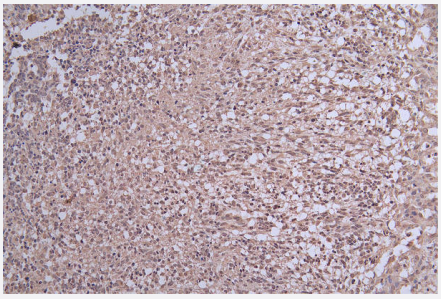
RecomAb™ Sm Size

FTL recombinant monoclonal antibody, clone 12D12

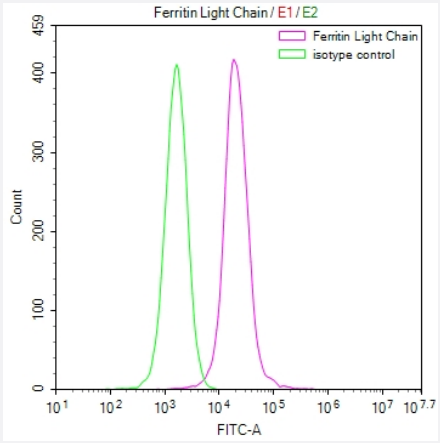
Catalog # RAB08551 Size 50 uL

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

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Preparation Method	Mammalian cell (HEK293) expression system
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 shoul d 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.

- Flow Cytometry

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

- Enzyme-linked Immunoabsorbent Assay

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

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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

Disease

- Alzheimer disease
- Cognition
- Genetic Predisposition to Disease
- Huntington disease
- Lung Neoplasms
- Parkinson disease

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