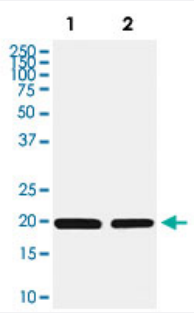
FTL monoclonal antibody, clone ACBG-6

Catalog # MAB22181 Size 100 uL

Applications



Western Blot

Western Blot analysis of (1) HepG2 cell lysate, (2) Mouse liver lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human FTL.
Immunogen	A synthetic peptide corresponding to human FTL.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody reacts with human, mouse, rat FTL, in native form and recombinant. Superfamily members of FTL are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:1000-5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

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Storage Instruction	Store at 4°C. For long term storage store at -20°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

- Western Blot

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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

Disease

- Alzheimer disease
- Cognition
- Genetic Predisposition to Disease

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- Huntington disease
- Lung Neoplasms
- Parkinson disease

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