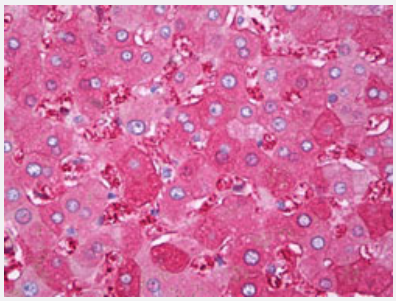
FTH1 monoclonal antibody, clone 3F8

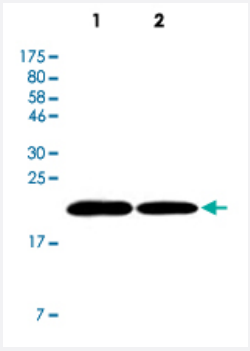
Catalog # MAB12985 Size 50 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver with FTH1 monoclonal antibody, clone 3F8 (Cat # MAB12985) at 1:200 dilution.



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: U87 mg cell lysate and Lane 2: HeLa cell lysate with FTH1 monoclonal antibody, clone 3F8 (Cat # MAB12985).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human FTH1.
Immunogen	Recombinant His fusion protein corresponding to human FTH1.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation
Isotype	IgG2a, kappa

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Recommend Usage	ELISA Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In HEPES, 0.15 M NaCl (50% glycerol, 0.01% BSA, 0.03% sodium azide).
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

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver with FTH1 monoclonal antibody, clone 3F8 (Cat # MAB12985) at 1:200 dilution.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  Western Blot analysis of Lane 1: U87 mg cell lysate and Lane 2: HeLa cell lysate with FTH1 monoclonal antibody, clone 3F8 (Cat # MAB12985).

Gene Info — FTH1

Entrez GeneID	2495
Protein Accession#	P02794
Gene Name	FTH1
Gene Alias	FHC, FTH, FTHL6, MGC104426, PIG15, PLIF
Gene Description	ferritin, heavy polypeptide 1
Omim ID	134770
Gene Ontology	Hyperlink

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Gene Summary	This gene encodes the heavy subunit of ferritin, 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 ferritin proteins are associated with several neurodegenerative diseases. This gene has multiple pseudogenes. Several alternatively spliced transcript variants have been observed, but their biological validity has not been determined. [provided by RefSeq
Other Designations	apoferritin|placenta immunoregulatory factor|proliferation-inducing protein 15

Pathway

- Porphyrin and chlorophyll metabolism

Disease

- Parkinson disease

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