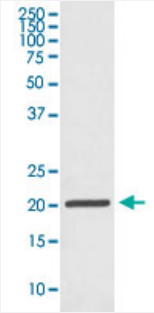
FTH1 monoclonal antibody, clone FBA-6

Catalog # MAB20035 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate with FTH1 monoclonal antibody, clone FBA-6 (Cat # MAB20035).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human FTH1.
Immunogen	A synthetic peptide corresponding to human FTH1.
Host	Rabbit
Theoretical MW (kDa)	21.226
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Western Blot (1:500-1:2000) 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 -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. 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

- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western Blot analysis of Jurkat cell lysate with FTH1 monoclonal antibody, clone FBA-6 (Cat # MAB20035).

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
Gene Summary	This gene encodes the heavy subunit of ferritin, the major intracellular iron storage protein in prok aryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variati on in ferritin subunit composition may affect the rates of iron uptake and release in different tissue s. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in ferriti n proteins are associated with several neurodegenerative diseases. This gene has multiple pseu dogenes. 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

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- Porphyrin and chlorophyll metabolism

Disease

- Parkinson disease

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