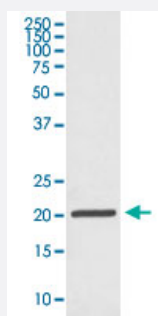


# FTH1 monoclonal antibody, clone FBA-6

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

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of human FTH1.
<b>Immunogen</b>	A synthetic peptide corresponding to human FTH1.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	21.226
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	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.
<b>Storage Buffer</b>	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

**Storage Instruction**

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored 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 should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

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

- Immunocytochemistry

- Immunofluorescence

## 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 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](#)