

Ferritin HC

Mouse Monoclonal antibody(Mab)
Catalog # AD80161

Product Information

Application IHC-P
Primary Accession P02794
Reactivity Human
Host Mouse
Clonality Monoclonal
Clone Names 882E5H9
Calculated MW 21226

Additional Information

Gene ID 2495 **Gene Name** FTH1

Other Names Ferritin heavy chain, Ferritin H subunit, 1.16.3.1, Cell proliferation-inducing

gene 15 protein, Ferritin heavy chain, N-terminally processed, FTH1, FTH,

FTHL6

Dilution IHC-P~~Ready-to-use

Storage Maintain refrigerated at 2-8°C.

Precautions Ferritin HC Antibody is for research use only and not for use in diagnostic or

therapeutic procedures.

Protein Information

Name FTH1

Synonyms FTH, FTHL6

Function Stores iron in a soluble, non-toxic, readily available form. Important for iron

homeostasis. Has ferroxidase activity (PubMed: 9003196). Iron is taken up in

the ferrous form and deposited as ferric hydroxides after oxidation

(PubMed: 9003196). Also plays a role in delivery of iron to cells (By similarity). Mediates iron uptake in capsule cells of the developing kidney (By similarity).

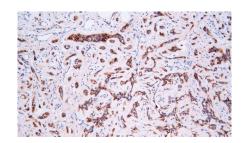
Delivery to lysosomes is mediated by the cargo receptor NCOA4 for autophagic degradation and release of iron (PubMed: <u>24695223</u>,

PubMed:26436293).

Cellular Location Cytoplasm. Lysosome. Cytoplasmic vesicle, autophagosome

Tissue Location Expressed in the liver.

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.