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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

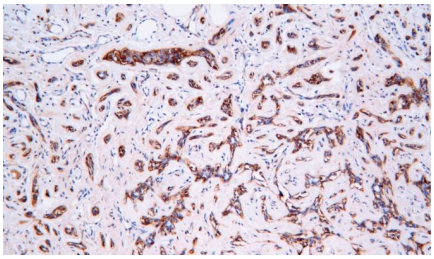
Additional Information

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:24695223, PubMed:26436293).
Cellular Location	Cytoplasm. Lysosome. Cytoplasmic vesicle, autophagosome
Tissue Location	Expressed in the liver.

Images



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human breast tissue was performed with Ferritin HC primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

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