

Ferritin Heavy Chain Rabbit mAb
Catalog # AP74984**Specification**

Ferritin Heavy Chain Rabbit mAb - Product Information

Application	WB, ICC
Primary Accession	P02794
Reactivity	Human, Mouse, Rat, Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	21226

Ferritin Heavy Chain Rabbit mAb - Additional Information**Gene ID** 2495**Other Names**
FTH1**Dilution**
WB~~1/500-1/1000
ICC~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**Ferritin Heavy Chain Rabbit mAb - 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.

Ferritin Heavy Chain Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Ferritin Heavy Chain Rabbit mAb - Images

