

**Ferritin HC**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80161**

## Specification

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### Ferritin HC - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">P02794</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	21226

### Ferritin HC - Additional info

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  
IHC~~Ready-to-use

Storage	<b>This product is stored at 2-8 °C, please use it within the expiration date.</b>
Precautions	<b>Ferritin HC Antibody is for research use only and not for use in diagnostic or therapeutic procedures.</b>

### Ferritin HC - Protein Information

**Name** FTH1

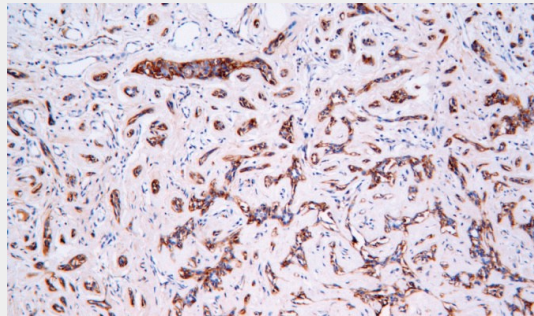
<b>Synonyms</b>	<b>FTH, FTHL6</b>
<b>Function</b>	<b>Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney (By similarity).</b>
<b>Tissue Location</b>	<b>Expressed in the liver.</b>

### Ferritin HC - Protocols

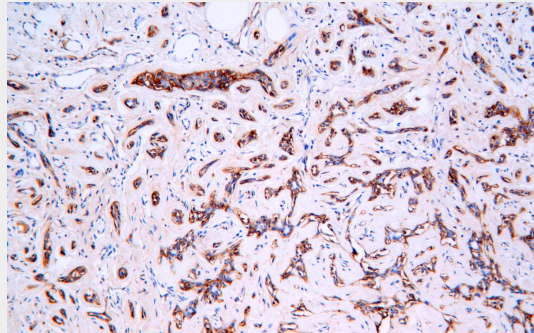
Provided below are standard protocols that you may find useful for product applications.

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

#### **Ferritin HC - Images**



Normal breast tissues



Immunohistochemical analysis of paraffin-embedded human normal breast tissue using AD80161 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.