

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

## Specification

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### Ferritin HC - Product info

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

### Ferritin HC - Additional info

Gene ID	<b>2495</b>
Gene Name	<b>FTH1</b>

#### 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

Maintain refrigerated at 2-8°C

#### Precautions

**Ferritin HC Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

### Ferritin HC - Protein Information

#### Name FTH1

Synonyms  
Function

#### FTH, FTHL6

**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).**

Tissue Location

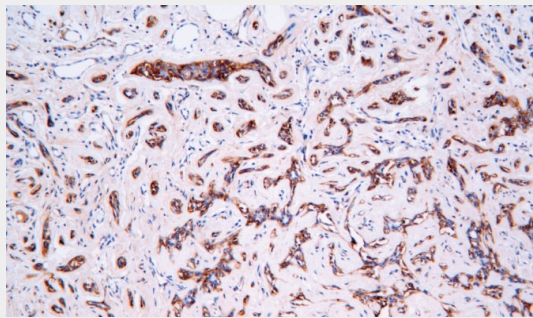
**Expressed in the liver.**

## Ferritin HC - Protocols

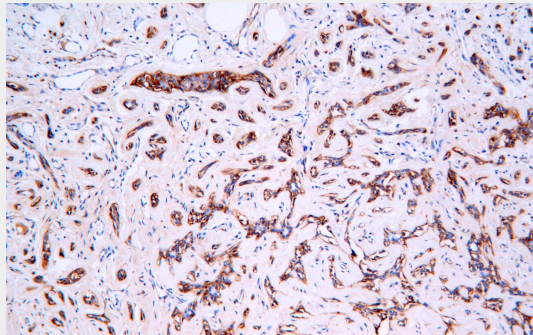
Provided below are standard protocols that you may find useful for product applications.

- [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.