

Datasheet for ABIN7428383  
**anti-FTH1 antibody (AA 1-182)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	FTH1
Binding Specificity:	AA 1-182
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FTH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Ferritin, Heavy Polypeptide (FTH)
Immunogen:	Recombinant Ferritin, Heavy Polypeptide (FTH) corresponding to Met1~Ser182 with N-terminal His Tag
Clone:	C1
Isotype:	IgG2b lambda
Specificity:	The antibody is a mouse monoclonal antibody raised against FTH. It has been selected for its ability to recognize FTH in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

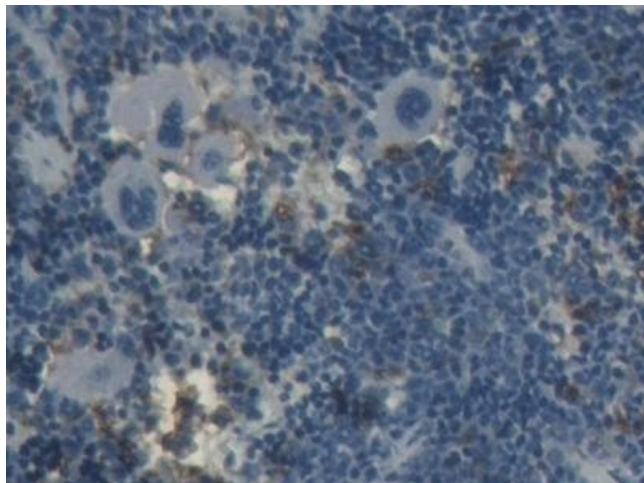
Target:	FTH1
Alternative Name:	Ferritin, Heavy Polypeptide ( <a href="#">FTH1 Products</a> )
Background:	FTH1, FTHL6, PIG15, PLIF, Ferritin Heavy Chain, Apoferritin, Placenta Immunoregulatory Factor, Proliferation-Inducing Protein 15, Cell proliferation-inducing gene 15 protein
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

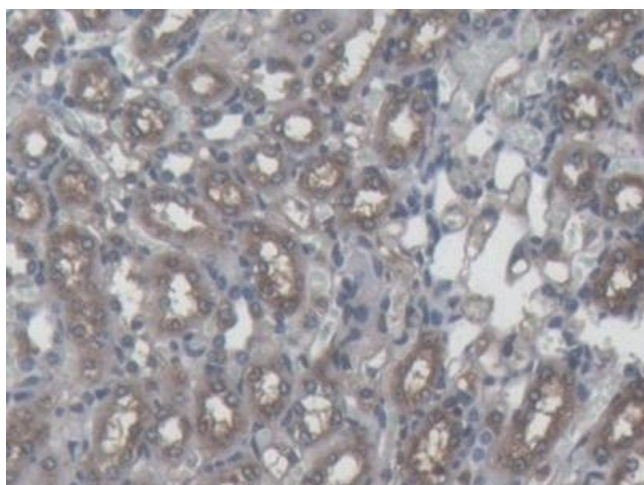
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



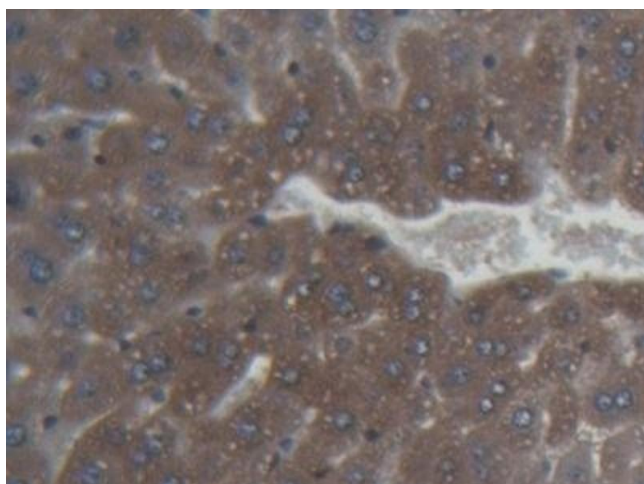
#### Immunohistochemistry

**Image 1.** Detection of FTH in Mouse Spleen Tissue using Monoclonal Antibody to Ferritin, Heavy Polypeptide (FTH)



#### Immunohistochemistry

**Image 2.** Detection of FTH in Mouse Kidney Tissue using Monoclonal Antibody to Ferritin, Heavy Polypeptide (FTH)



#### Immunohistochemistry

**Image 3.** Detection of FTH in Mouse Liver Tissue using Monoclonal Antibody to Ferritin, Heavy Polypeptide (FTH)