



[Go to Product page](#)

Datasheet for ABIN7427582
anti-FTH1 antibody (AA 1-183)

4 Images

Overview

Quantity:	100 µL
Target:	FTH1
Binding Specificity:	AA 1-183
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
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~Ser183 with N-terminal His Tag
Clone:	D4
Isotype:	IgG2b kappa
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:	Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

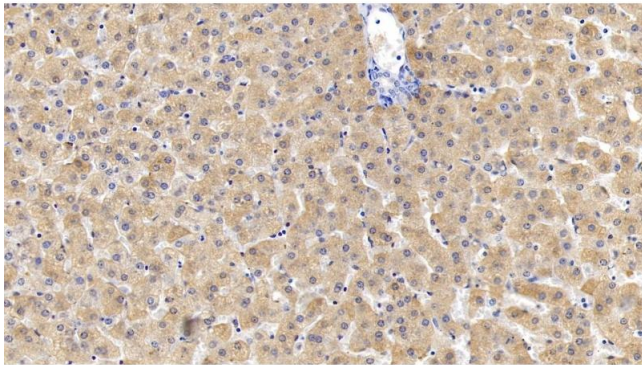
Target:	FTH1
Alternative Name:	Ferritin, Heavy Polypeptide (FTH1 Products)
Background:	FTH1, FTHL6, PIG15, PLIF, Ferritin Heavy Chain, Apoferritin, Placenta Immunoregulatory Factor, Proliferation-Inducing Protein 15, Cell proliferation-inducing gene 15 protein
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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

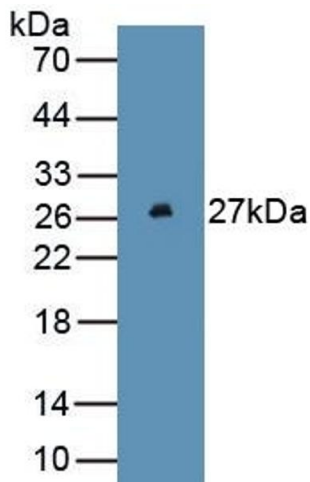
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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



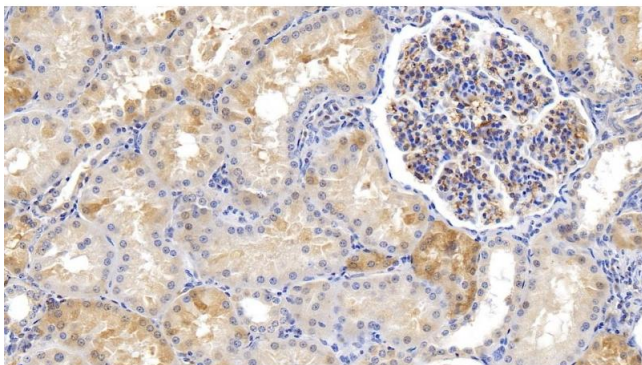
Immunohistochemistry

Image 1. Detection of FTH in Human Liver Tissue using Monoclonal Antibody to Ferritin, Heavy Polypeptide (FTH)



Western Blotting

Image 2. Detection of Recombinant FTH, Human using Monoclonal Antibody to Ferritin, Heavy Polypeptide (FTH)



Immunohistochemistry

Image 3. Detection of FTH in Human Kidney Tissue using Monoclonal Antibody to Ferritin, Heavy Polypeptide (FTH)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7427582.