

Datasheet for ABIN7427579
anti-FTL antibody (AA 2-175)



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1 Image

Overview

Quantity:	100 µL
Target:	FTL
Binding Specificity:	AA 2-175
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FTL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Monoclonal Antibody to Ferritin, Light Polypeptide (FTL)
Immunogen:	Recombinant Ferritin, Light Polypeptide (FTL) corresponding to Ser2~Asp175 with N-terminal His Tag
Clone:	H19
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against FTL. It has been selected for its ability to recognize FTL in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

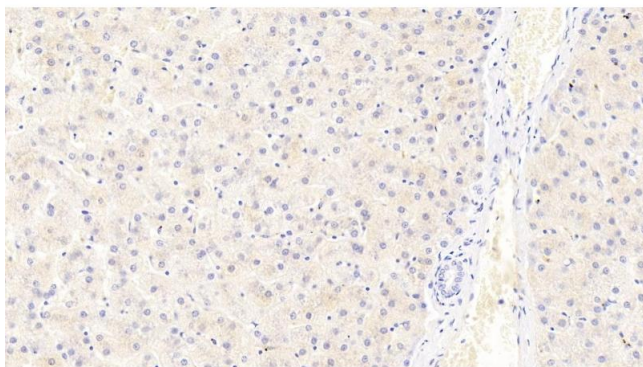
Target:	FTL
Alternative Name:	Ferritin, Light Polypeptide (FTL Products)
Background:	Ferritin Light Chain, Ferritin Light Polypeptide-Like 3, L Apoferritin, Ferritin L Subunit
UniProt:	P02792
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western blotting: 0.01-3 µg/mL, Immunohistochemistry: 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
Concentration:	1 mg/mL
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 FTL in Human Liver Tissue using Monoclonal Antibody to Ferritin, Light Polypeptide (FTL)