9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Ferritin heavy chain 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2339

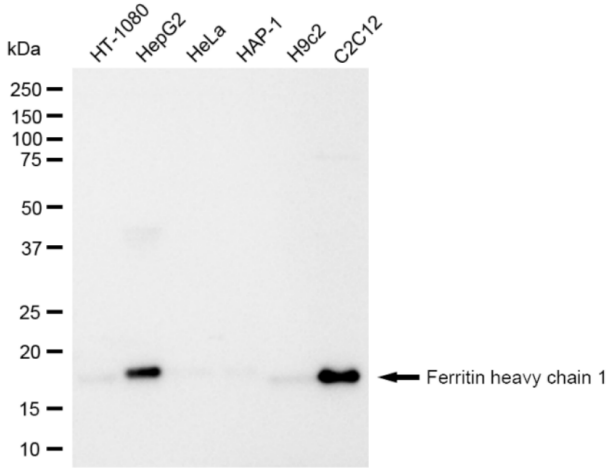
Product Overview

Name	KD-Validated Anti-Ferritin heavy chain 1 Rabbit Monoclonal Antibody
Accession(Primary)	P02794
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Ferritin
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 21 kDa; Observed, 15 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000 Flow cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P02794)

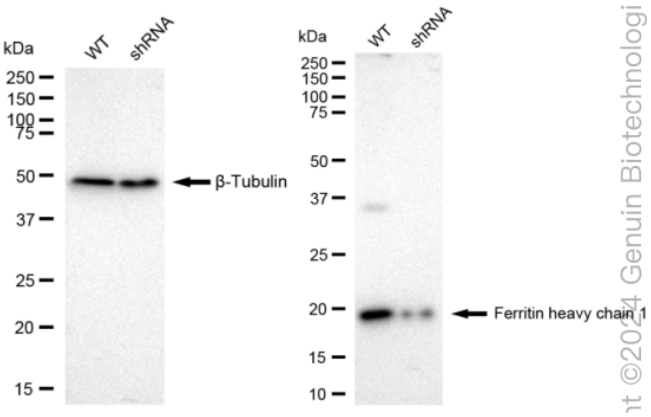
Gene Name	FTH1
About Gene Symbol	FTH1 (Ferritin Heavy Chain 1) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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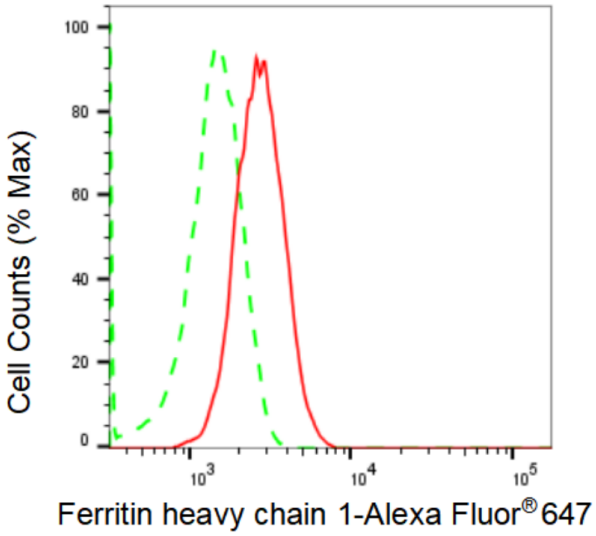
Western blotting analysis using anti-Ferritin heavy chain 1 antibody (Cat#ABG2339). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Ferritin heavy chain 1 antibody (Cat#ABG2339, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Western blotting analysis using anti-Ferritin heavy chain 1 antibody (Cat#ABG2339).Ferritin heavy chain 1 expression in wild type (WT) and ferritin heavy chain 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates.β-Tubulin serves as a loading control. The blot was incubated with anti-Ferritin heavy chain 1 antibody (Cat#ABG2339, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

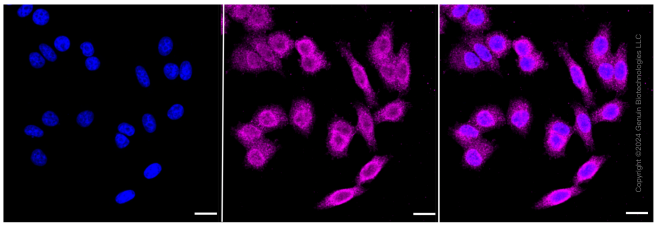
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Flow cytometric analysis of Ferritin heavy chain 1 expression in HepG2 cells using Ferritin heavy chain 1 antibody (Cat#ABG2339, 1:2,000). Green, isotype control; red, Ferritin heavy chain 1.

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Immunocytochemical staining of HepG2 cells with Ferritin heavy chain 1 antibody (Cat#ABG2339, 1:1,000). Nuclei were stained blue with DAPI; Ferritin heavy chain 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.