

Ferritin Heavy Chain Polyclonal Antibody

Product Details

Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 183 of Human Ferritin Heavy Chain
Form	Liquid
Concentration	0.44 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
Contains	0.025% Proclin 300
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2544976

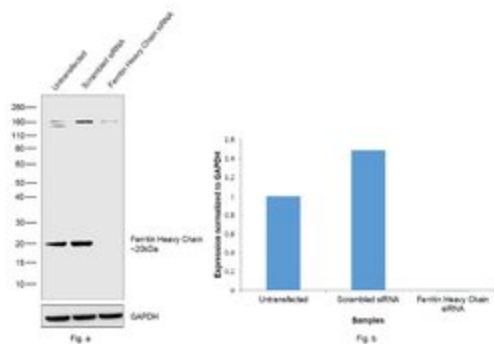
Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:100-1:1,000	-
Immunofluorescence (IF)	1:100-1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000	-
Western Blot (WB)	1:500-1:3000	-

Product Specific Information

Recommended positive controls: human liver, mouse liver, rat liver, HCT116.

Predicted reactivity: Mouse (94%), Rat (96%), Dog (96%), Cat (96%), Pig (87%), Chicken (93%), Sheep (93%), Rhesus Monkey (99%), Bovine (92%), Guinea pig (96%).

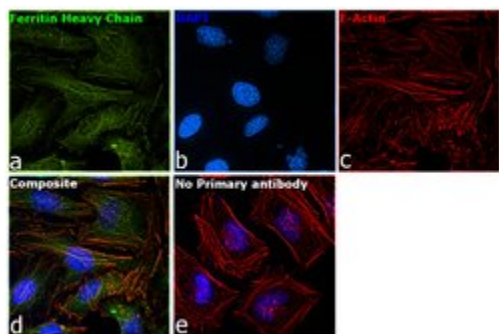
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.



Ferritin Heavy Chain Antibody (PA5-27500)

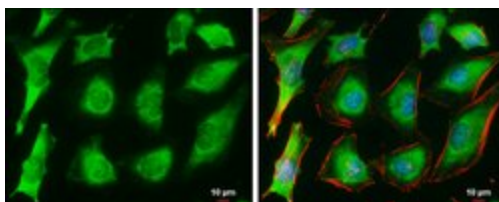
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with Ferritin Heavy Chain siRNA and reduction of signal was observed in Western Blot using Ferritin Heavy Chain Polyclonal Antibody (Product # PA5-27500). Knockdown validation info.

Product Images For Ferritin Heavy Chain Polyclonal Antibody



Ferritin Heavy Chain Antibody (PA5-27500) in IF

Immunofluorescence analysis of Ferritin Heavy Chain was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with Ferritin Heavy Chain Polyclonal Antibody (Product # PA5-27500) at 1:100 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear and cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



Ferritin Heavy Chain Antibody (PA5-27500) in ICC

Immunocytochemistry-Immunofluorescence analysis of Ferritin Heavy Chain was performed in HeLa cells fixed in 4% paraformaldehyde at RT for 15 min. Green: Ferritin Heavy Chain Polyclonal Antibody (Product # PA5 27500) diluted at 1:500. Red: Phalloidin, a cytoskeleton marker. Blue: Hoechst 33342 staining. Scale bar = 10 µm.

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