

Ferritin Recombinant Rabbit Monoclonal Antibody (SC0620)

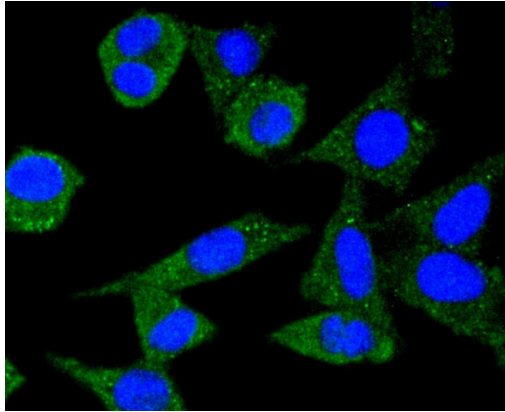
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat, Zebrafish
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	SC0620
Conjugate	Unconjugated
Immunogen	Synthetic peptide within Human FTH1 aa 58-99
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2809530

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000-1:5,000	3 Publications
Immunocytochemistry (ICC/IF)	1:50-1:100	-

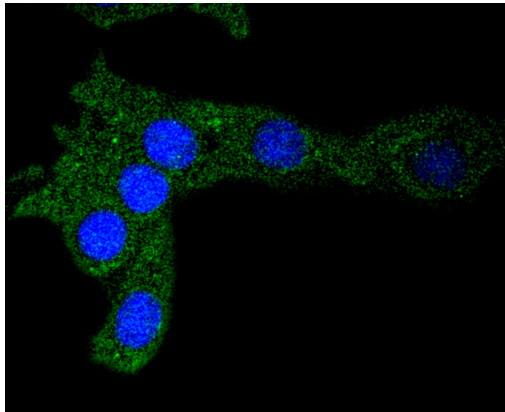
Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

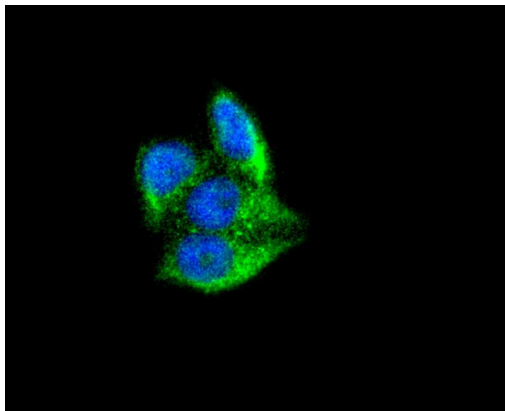
Product Images For Ferritin Recombinant Rabbit Monoclonal Antibody (SC0620)



Ferritin Antibody (MA5-32244) in ICC/IF
Immunocytochemical analysis of Ferritin in SH-SY-5Y cells using a Ferritin Monoclonal antibody (Product # MA5-32244) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Ferritin Antibody (MA5-32244) in ICC/IF
Immunocytochemical analysis of Ferritin in SHG-44 cells using a Ferritin Monoclonal antibody (Product # MA5-32244) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Ferritin Antibody (MA5-32244) in ICC/IF
Immunocytochemical analysis of Ferritin in MCF-7 cells using a Ferritin Monoclonal antibody (Product # MA5-32244) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

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Western Blot (3)

<p>Cancers</p> <p>MiR-148a-3p Promotes Colorectal Cancer Cell Ferroptosis by Targeting SLC7A11.</p> <p>"MA5-32244 was used in Western Blotting to investigate the molecular mechanisms and regulatory targets of miR-148a-3p in the CRC cell death mechanism(s)."</p> <p>Authors: Martino E,Balestrieri A,Aragona F,Bifulco G,Mele L,Campanile G,Balestrieri ML,D'Onofrio N</p>	<p>Year 2023</p> <p>Species Human</p> <p>Dilution 1:1,000</p>
<p>The Journal of cell biology</p> <p>NCOA4 drives ferritin phase separation to facilitate macroferritinophagy and microferritinophagy.</p> <p>"MA5-32244 was used in Western Blotting to suggest that NCOA4 acts not only as a canonical autophagy receptor but also as a driver to form ferritin condensates to facilitate the degradation of these condensates by macroautophagy (i.e., macroferritinophagy) and endosomal microautophagy (i.e., microferritinophagy)."</p> <p>Authors: Ohshima T,Yamamoto H,Sakamaki Y,Saito C,Mizushima N</p>	<p>Year 2022</p> <p>Species Human</p>

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