

Ferritin Heavy Chain Monoclonal Antibody | anti-FTH1 antibody

Ferritin Heavy Chain Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314293	Recombinant Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot

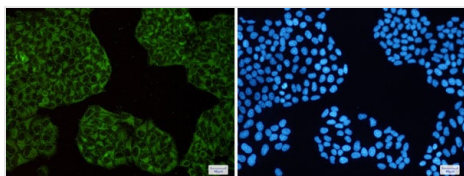
PRODUCT SYNONYMS

Ferritin Heavy Chain; Monoclonal Antibody; Ferritin Heavy Chain Rabbit mAb; Apoferritin; Cell proliferation-inducing gene 15 protein; Ferritin H subunit; Ferritin heavy chain; Ferritin heavy chain like; Ferritin heavy polypeptide 1; Ferritin L chain; Ferritin L subunit; Ferritin light chain; Ferritin light chain like; Ferritin li; anti-FTH1 antibody

PRODUCT SPECIFICATIONS

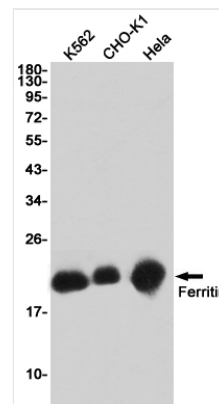
Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S03-3D9
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-FTH1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human Ferritin
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



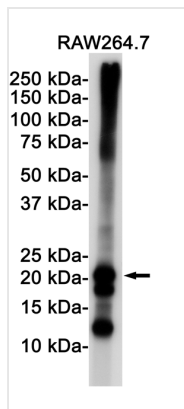
IF (Immunofluorescence)

Immunofluorescence of Ferritin(green) in Hela cells using Ferritin Rabbit mAb at dilution 1/5, and DAPI(blue)



WB (Western Blot)

Western blot detection of Ferritin in K562,CHO-K1,Hela cell lysates using Ferritin Rabbit mAb(1:1000 diluted).Predicted band size:21KDa.Observed band size:21KDa.



WB (Western Blot)

Western blot detection of Ferritin in Raw264.7 cell lysates using Ferritin Rabbit mAb(1:1000 diluted). Predicted band size: 21 kDa. Observed band size: 21 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-FTH1 antibody	Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney.
Product Categories/Family for anti-FTH1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	56682959
NCBI GeneID	2495
NCBI Accession #	NP_002023.2
NCBI GenBank Nucleotide #	NM_002032.2
UniProt Accession #	P02794; Q3KRA8; Q3SWW1; B3KNR5
Molecular Weight	21,226 Da
NCBI Official Full Name	ferritin heavy chain
NCBI Official Synonym Full Names	ferritin, heavy polypeptide 1
NCBI Official Symbol	FTH1
NCBI Official Synonym Symbols	FHC; FTH; PLIF; FTHL6; PIG15
NCBI Protein Information	ferritin heavy chain; apoferritin; ferritin H subunit; placenta immunoregulatory factor; proliferation-inducing protein 15; cell proliferation-inducing gene 15 protein
UniProt Protein Name	Ferritin heavy chain
UniProt Gene Name	FTH1
UniProt Synonym Gene Names	FTH; FTHL6; Ferritin H subunit
UniProt Entry Name	FRIH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ferritin-heavy-chain-antibody-clone-s03-3d9-immunofluorescence-western-blot-elisa/314293>