

FTH1 recombinant antibody

FTH1 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279068	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

FTH1; Monoclonal Recombinant Antibody; FTH1 Recombinant Monoclonal Antibody; Ferritin heavy chain (Ferritin H subunit)(EC 1.16.3.1)(Cell proliferation-inducing gene 15 protein) [Cleaved into: Ferritin heavy chain; N-terminally processed]; FTH FTHL6; FTH1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	39G3
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for FTH1 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human FTH1
Conjugation	Non-conjugated
Research Area	Neuroscience; Cancer; Cardiovascular; Metabolism; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing 293 cells stained with AAA279068 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?.Control antibody (green line) was rabbit IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 with AAA279068 at 1:10, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 497-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)

Western BlotPositive WB detected in: Mouse Liver tissue lysateAll lanes:Ferritin antibody at 1:500SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 21 kDaObserved band size: 21 kDa

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/fth1-recombinant-antibody-clone-39g3-flow-cytometry-immunofluorescence-western-blot-elisa/279068>