

Mouse anti-Human, Mouse Ferritin, Heavy Polypeptide (FTH) Monoclonal Antibody | anti-FTH antibody

Monoclonal Antibody to Ferritin, Heavy Polypeptide (FTH)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152607	Mouse	Human, Mouse	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

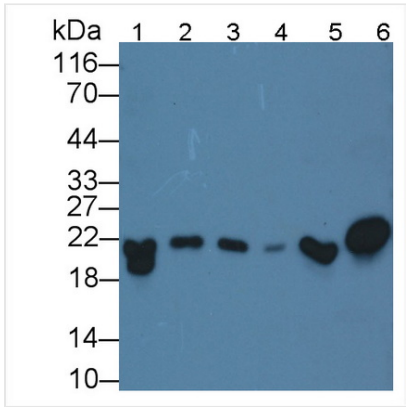
PRODUCT SYNONYMS

Ferritin; Heavy Polypeptide (FTH); Monoclonal Antibody; Monoclonal Antibody to Ferritin; Heavy Polypeptide; FTH1; FTHL6; PIG15; PLIF; Ferritin Heavy Chain; Apoferritin; Placenta Immunoregulatory Factor; Proliferation-Inducing Protein 15; Cell proliferation-inducing gene 15 protein; anti-FTH antibody

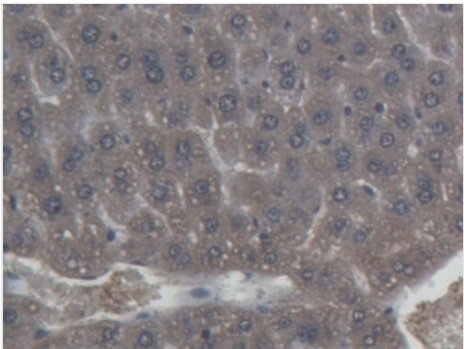
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2b Lambda
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against FTH. It has been selected for its ability to recognize FTH in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Met1~Ser182
Applicable Applications for anti-FTH antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Ferritin, Heavy Polypeptide (FTH)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

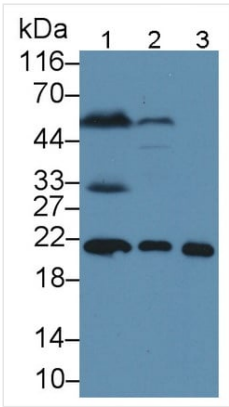
IMAGES



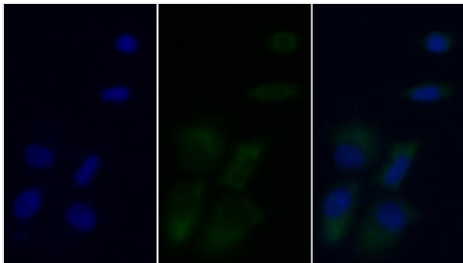
WB (Western Blot)
Western Blot; Sample: Lane1: human Liver lysate; Lane2: human Lung lysate; Lane3: human Placenta lysate; Lane4: 293T cell lysate; Lane5: HepG2 cell lysate; Lane6: U87MG cell lysatePrimary Ab: 3ug/ml Mouse Anti-Mouse FTH AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: Mouse Liver Tissue; Primary Ab: 20ug/ml Mouse Anti-Mouse FTH AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: Mouse Kidney lysate; Lane2: Mouse Liver lysate; Lane3: Mouse CerebuM lysate Primary Ab: 3ug/ml Mouse Anti-Mouse FTH Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IF (Immunofluorescence)
FITC staining on IF; Sample: human HepG2 cell; Primary Ab: 20 ug/ml Mouse Anti-Mouse FTH Antibody Second Ab: 1 ug/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-FTH antibody	Monoclonal Antibodies (Primary Abs) ; Monoclonal antibodies ; Metabolic pathway
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753912
NCBI GeneID	14319
NCBI Accession #	NP_034369.1
NCBI GenBank Nucleotide #	NM_010239.2
UniProt Accession #	P09528 ; Q3UI44
Molecular Weight	21,067 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; HfT; MFH
NCBI Protein Information	ferritin heavy chain

UniProt Protein Name	Ferritin heavy chain
UniProt Gene Name	Fth1
UniProt Synonym Gene Names	Fth; Ferritin H subunit
UniProt Entry Name	FRIH_MOUSE

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-polypeptide-fth-antibody-clone-c1-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152607>