

Mouse FTL Monoclonal Antibody | anti-FTL antibody

FTL (Ferritin, Light Polypeptide, MGC71996) (AP)

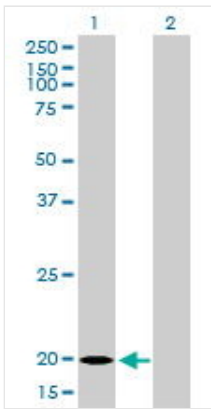
CATALOG # AAA26014	HOST Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

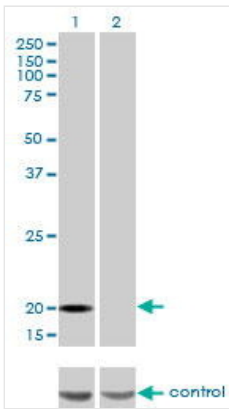
FTL; Monoclonal Antibody; FTL (Ferritin; Light Polypeptide; MGC71996) (AP); Ferritin; MGC71996; anti-FTL antibody

PRODUCT SPECIFICATIONS

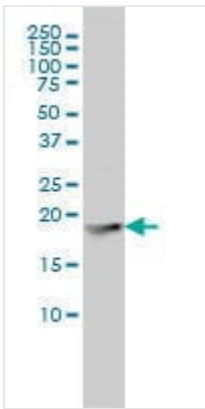
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	X3
Specificity	Recognizes FTL.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Sequence Length	175
Applicable Applications for anti-FTL antibody	IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	FTL (AAH04245, 1aa-175aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSSQIRQNYSTDVEAAVNSLVNLYLQASYTYLSLGFYFDRDDVALEGVSHFFRELAEEKREGYERLLKMQNRGGRALFQDIKKPAEDEWGKTPDAMKA
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to use. Thaw the original vial prior to removing the cap.



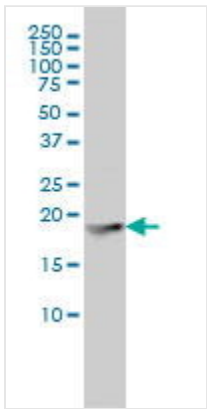
WB (Western Blot)
Western Blot analysis of FTL expression in transfected 293T cell line by FTL monoclonal antibody (M18), clone X3. Lane 1: FTL transfected lysate (20 KDa). Lane 2: Non-transfected lysate.



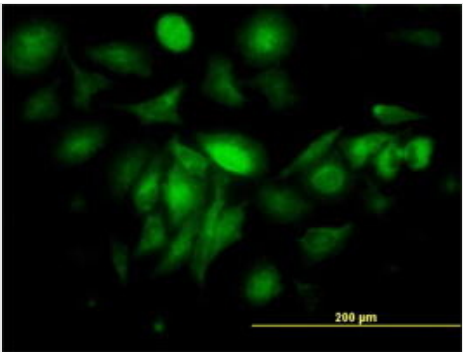
WB (Western Blot)
Western blot analysis of FTL over-expressed 293 cell line, cotransfected with FTL Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with FTL monoclonal antibody (M18), clone X3. GAPDH (36.1 kDa) used as specificity and loading control.



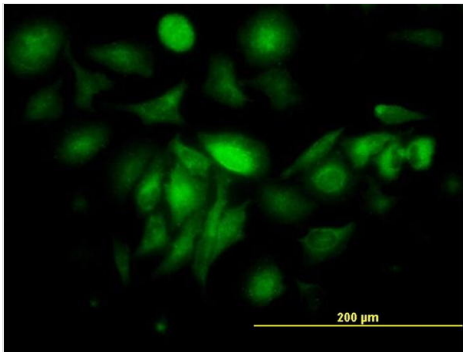
Application Data
Detection limit for recombinant GST tagged FTL is approximately 0.03ng/ml as a capture antibody.



WB (Western Blot)
FTL monoclonal antibody (M18), clone X3 Western Blot analysis of FTL expression in K-562.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to FTL on HeLa cell. [antibody concentration 10 ug/ml]



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to FTL on HeLa cell. [antibody concentration 10 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-FTL antibody

This gene encodes the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes. [provided by RefSeq]

NCBI AND UNIPROT INFORMATION

NCBI GI #	13279005
NCBI GeneID	2512
NCBI Official Full Name	Ferritin, light polypeptide
NCBI Official Synonym Full Names	ferritin light chain
NCBI Official Symbol	FTL
NCBI Official Synonym Symbols	LFTD; NBIA3
NCBI Protein Information	ferritin light chain

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://www.aaabiotech.com/monoclonal/ftl-antibody-clone-x3-immunoprecipitation-western-blot-elisa/26014>