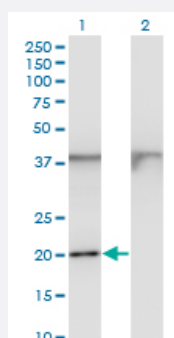


FTL monoclonal antibody (M15), clone 1C14

Catalog # H00002512-M15

Size 100 ug

Applications

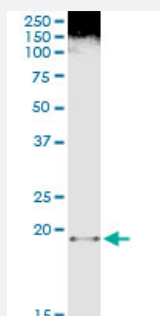


Western Blot (Transfected lysate)

Western Blot analysis of FTL expression in transfected 293T cell line by FTL monoclonal antibody (M15), clone 1C14.

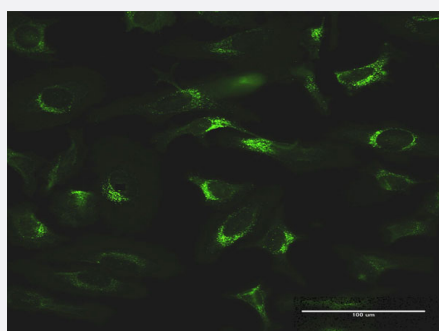
Lane 1: FTL transfected lysate (Predicted MW: 20 KDa).

Lane 2: Non-transfected lysate.



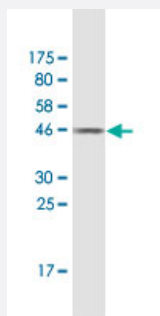
Immunoprecipitation

Immunoprecipitation of FTL transfected lysate using anti-FTL monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FTL purified MaxPab rabbit polyclonal antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to FTL on HeLa cell . [antibody concentration 20 ug/ml]



Western Blot detection against Immunogen (44.99 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant FTL.
Immunogen	FTL (AAH04245, 1 a.a. ~ 175 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSSQIRQNYSTDVEAAVNSLVNLYLQASYTYLSLGFYFDRDDVALEGVSHFFRELAEEKREGYER LLKMQRGRALFQDIKKPAEDEWGKTPDAMKAAMALEKKLNQALLDLHALGSARTDPHLCD FLETHFLDEEVKLIKMGDHLTNLHRLGGPEAGLGEYLFERLTLKHD
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (44.99 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of FTL expression in transfected 293T cell line by FTL monoclonal antibody (M15), clone 1C14.

Lane 1: FTL transfected lysate (Predicted MW: 20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of FTL transfected lysate using anti-FTL monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FTL purified MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to FTL on HeLa cell . [antibody concentration 20 ug/ml]

Gene Info — FTL

Entrez GeneID [2512](#)

GeneBank Accession# [BC004245](#)

Protein Accession# [AAH04245](#)

Gene Name FTL

Gene Alias MGC71996

Gene Description ferritin, light polypeptide

Omim ID [134790](#) [600886](#) [606159](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations L apoferritin|ferritin L subunit|ferritin L-chain|ferritin light chain|ferritin light polypeptide-like 3

Disease

- [Alzheimer disease](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Lung Neoplasms](#)
- [Parkinson disease](#)