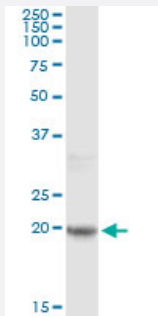


# FTL monoclonal antibody, clone 4G10

Catalog # H00002512-M08

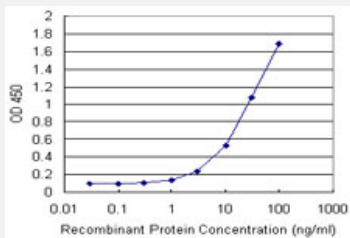
Size 100 ug

## Applications



### Immunoprecipitation

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



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FTL is 1 ng/ml as a capture antibody.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full length native FTL.
<b>Immunogen</b>	Native purified human FTL.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1, kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Native Protein

Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Immunoprecipitation

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FTL is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — FTL

Entrez GeneID	<a href="#">2512</a>
Gene Name	FTL
Gene Alias	MGC71996
Gene Description	ferritin, light polypeptide
Omim ID	<a href="#">134790</a> <a href="#">600886</a> <a href="#">606159</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)