10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# FTL Antibody (monoclonal)

Mouse monoclonal antibody raised against a full length native FTL.
Catalog # AT2115a

## Product Information

| | |
|---|---|
| **Application** | WB, E |
| **Primary Accession** | P02792 |
| **Other Accession** | 2512 |
| **Reactivity** | Human |
| **Host** | Mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2b, kappa |
| **Clone Names** | 4G7 |
| **Calculated MW** | 20020 |

## Additional Information

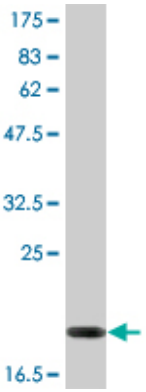
| | |
|---|---|
| **Gene ID** | 2512 |
| **Other Names** | Ferritin light chain, Ferritin L subunit, FTL |
| **Target/Specificity** | Native purified human FTL. |
| **Dilution** | WB~~1:500~1000 E~~N/A |
| **Format** | Clear, colorless solution in phosphate buffered saline, pH 7.2 . |
| **Storage** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| **Precautions** | FTL Antibody (monoclonal) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Background

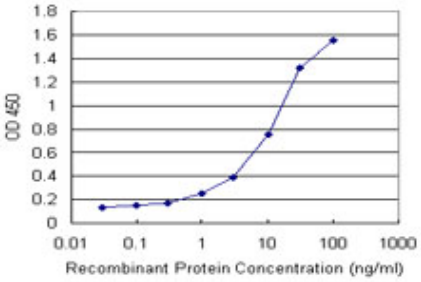
This gene encodes the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and 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]

## Images

Antibody Reactive Against Native ProteinWestern Blot




detection against Immunogen (47 kDa)




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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.