

**Product Name: Ferritin Light Chain (1B4) Mouse Monoclonal Antibody****Catalog #: AMM03311**

For research use only.

**Summary**

|                      |                                                                                                |
|----------------------|------------------------------------------------------------------------------------------------|
| <b>Description</b>   | Mouse monoclonal Antibody                                                                      |
| <b>Host</b>          | Mouse                                                                                          |
| <b>Application</b>   | ELISA                                                                                          |
| <b>Reactivity</b>    | Human                                                                                          |
| <b>Conjugation</b>   | Unconjugated                                                                                   |
| <b>Modification</b>  | Unmodified                                                                                     |
| <b>Isotype</b>       | IgG2a                                                                                          |
| <b>Clonality</b>     | Monoclonal                                                                                     |
| <b>Form</b>          | Liquid                                                                                         |
| <b>Concentration</b> | 1mg/ml                                                                                         |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                    |
| <b>Shipping</b>      | Ice bags                                                                                       |
| <b>Buffer</b>        | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| <b>Purification</b>  | Affinity Purification                                                                          |

**Application**

|                         |                      |
|-------------------------|----------------------|
| <b>Dilution Ratio</b>   | ELISA 1:5000-1:20000 |
| <b>Molecular Weight</b> | -                    |

**Antigen Information**

|                          |                                                                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | FTL                                                                                                                                                                                             |
| <b>Alternative Names</b> | Ferritin L chain; Ferritin L subunit; Ferritin light chain; Ferritin light polypeptide; Ferritin light polypeptide like 3; FRIL; FRIL_HUMAN; FTL; L apoferritin; LFTD; MGC71996; NBIA 3; NBIA3. |
| <b>Gene ID</b>           | 2512                                                                                                                                                                                            |
| <b>SwissProt ID</b>      | P02792                                                                                                                                                                                          |
| <b>Immunogen</b>         | A synthetic peptide of human Ferritin light chain                                                                                                                                               |

**Background**

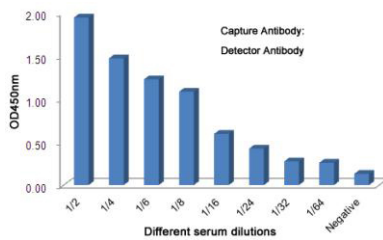
Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Iron is taken up in the ferrous form

and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney.

## Research Area

Neuroscience

## Image Data



Observed Ferritin Light Chain levels in Human serum samples at different dilution.