

FTH1, FTL1, FTL2

Mouse Anti-Human Ferritin, Spleen Clone 3E12 mAb

Catalog No.	CSI20327A	Quantity:	100 µg
	CSI20327B		250 µg

Alternate Names: Ferritin light chain 1, Ftl, Ftl-1, L-ferritin

Description: 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. Human Serum Ferritin levels are measured in patients as part of the iron studies workup for anemia and for restless leg syndrome. Human Ferritin levels have a direct correlation with the total amount of iron stored in the body. Human Ferritin level(s) are also indicative of the erosion of iron stores during pregnancy.

Human Serum Ferritin research reports that individuals with true iron-deficiency anemia exhibit extremely low human serum Ferritin values. Additional human Ferritin research reports that human serum Ferritin measurement is sero-diagnosis of cancer whereby high levels of human serum Ferritin which are not related to body-iron stores have been observed.

Concentration: 1.0 mg/ml

Gene ID: 2512

Source: Mouse monoclonal antibody raised against a full length native FTL.

Formulation: Liquid in PBS, pH 7.2

Immunogen: Native Purified Human FTL.

Application: Sandwich ELISA, ELISA

Clone: 3E12

Storage & Stability: Store at -20°C. **Do Not Freeze. Avoid repeated freeze-thaw cycles.**

Isotype: IgG1k

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.