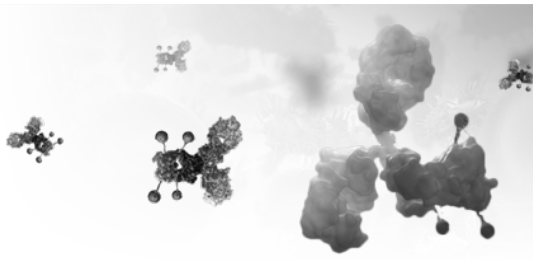

Mouse Anti-Human Ferritin light chain monoclonal antibody, clone NN13 (CABT-ZB472)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human Ferritin light chain
Target	FTL
Immunogen	Recombinant Human FTL/ferritin, light polypeptide Protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	NN13
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect Ferritin light chain in antibody pair set. [ABPR-ZB047]
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human FTL/ferritin, light polypeptide. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid
Concentration	Lot specific

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Size	100 µL, 200 µL
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Ferritin, light polypeptide (FTL) is 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. Storage of iron in the tissues occurs in the form of ferritin and hemosiderin. The latter originates from ferritin that has undergone intracellular digestion of its protein shell, leaving the iron core. Ferritin and hemosiderin are components of a continuum. Ferritin has been identified in all types of living organisms: animals, plants, molds, and bacteria. Whithin the protein shell of ferritin, iron is first oxidized to the ferric state for storage as ferric oxyhdroxide. Thus, ferritin removes excess iron from the cell sap where it could otherwise participate in peroxidation mechanisms.
Keywords	FTL; ferritin, light polypeptide; LFTD; NBIA3

GENE INFORMATION

Synonyms	FTL; ferritin, light polypeptide; LFTD; NBIA3; ferritin light chain; ferritin L-chain; ferritin L subunit; ferritin light polypeptide-like 3
Entrez Gene ID	2512
UniProt ID	P02792

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