

Anti-Ferritin Light Chain Antibody (3R381)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 19-21 kDa. Actual: 25 kDa.
Clone:	3R381
Purification:	Protein A purified

Applications

Sample:	Lane 1: Recombinant human Ferritin Light Chain, His
Verified Activity:	Primary: Anti-Ferritin Light Chain (TMAB-05966) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 19-21 kDa Observed band size: 25 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human Ferritin Light Chain
Antigen Species:	Human
Gene ID:	2512
Uniprot ID:	P02792

Research 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, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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