



[Go to Product page](#)

Datasheet for ABIN2682990  
**anti-FTL antibody (full length)**

7 Images

Overview

Quantity:	0.1 mg
Target:	FTL
Binding Specificity:	full length
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human FTL (AA: FULL(1-157)) expressed in E. coli.
Clone:	8E1E7
Isotype:	IgG1
Purification:	purified

Target Details

Target:	FTL
Alternative Name:	FTL ( <a href="#">FTL Products</a> )
Background:	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

## Target Details

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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.

Aliases: NBIA3

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Molecular Weight: 20 kDa

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Gene ID: 2512

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HGNC: 2512

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Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified antibody in PBS with 0.05 % sodium azide.

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Preservative: Sodium azide

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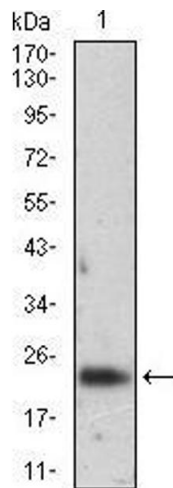
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C/-20 °C

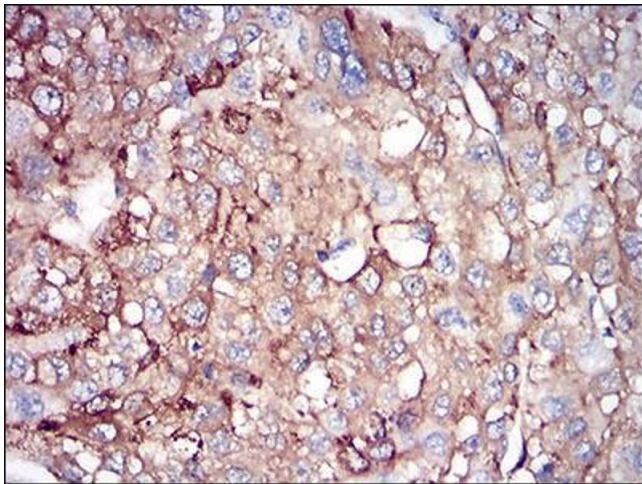
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Storage Comment: 4°C, -20°C for long term storage



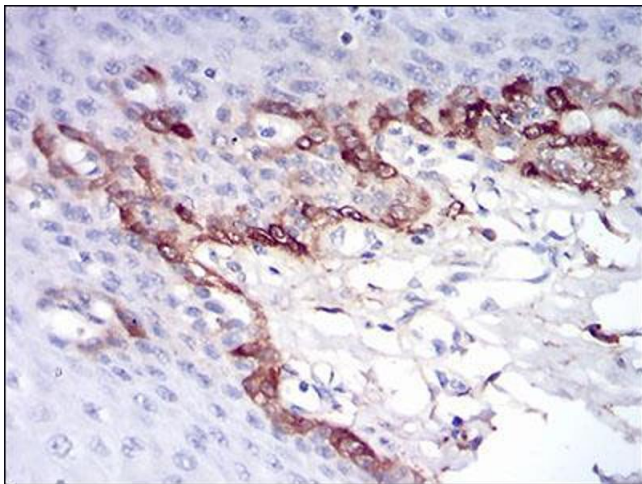
### Western Blotting

**Image 1.** Western blot analysis using FTL mouse mAb against K562 cell lysate.



### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of paraffin-embedded liver cancer tissues using FTL mouse mAb with DAB staining.



### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of paraffin-embedded esophageal tissues using FTL mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN2682990.