

Datasheet for ABIN2682991
anti-FTL antibody (full length)[Go to Product page](#)

7 Images

Overview

| | |
|----------------------|---|
| Quantity: | 0.1 mg |
| Target: | FTL |
| Binding Specificity: | full length |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This FTL antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS) |

Product Details

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|---------------|--|
| Immunogen: | Purified recombinant fragment of human FTL (AA: FULL(1-175)) expressed in E. coli. |
| Clone: | 6E10E4 |
| Isotype: | IgG1 |
| Purification: | purified |

Target Details

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|-------------------|---|
| Target: | FTL |
| Alternative Name: | FTL (FTL Products) |
| 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 |

Target Details

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.

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 |
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Application Details

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| Application Notes: | ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400 |
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|---------------|-----------------------|
| Restrictions: | For Research Use only |
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Handling

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|---------|--------|
| Format: | Liquid |
|---------|--------|

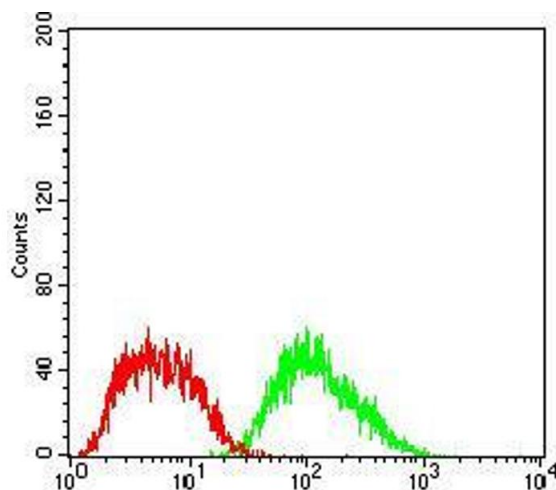
| | |
|---------|--|
| Buffer: | Purified antibody in PBS with 0.05 % sodium azide. |
|---------|--|

| | |
|---------------|--------------|
| 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. |
|--------------------|--|

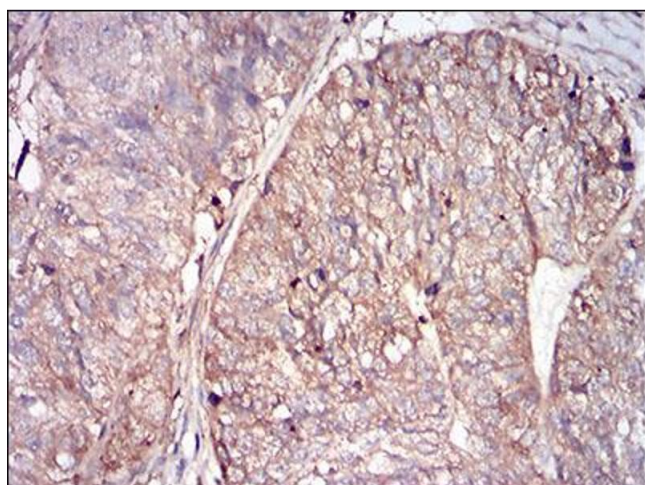
| | |
|----------|-------------|
| Storage: | 4 °C/-20 °C |
|----------|-------------|

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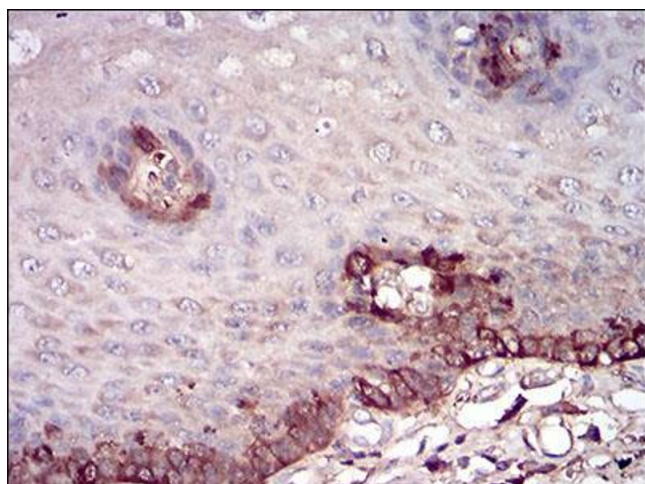
Flow Cytometry

Image 1. Flow cytometric analysis of HepG2 cells using FTL mouse mAb (green) and negative control (red).



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded ovarian 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 ABIN2682991.