

## Datasheet for ABIN7638728

### **anti-FTL antibody**



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#### Overview

|              |                                                   |
|--------------|---------------------------------------------------|
| Quantity:    | 100 µL                                            |
| Target:      | FTL                                               |
| Reactivity:  | Human                                             |
| Host:        | Mouse                                             |
| Clonality:   | Monoclonal                                        |
| Conjugate:   | This FTL antibody is un-conjugated                |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

#### Product Details

|                   |                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Monoclonal Antibody to Ferritin, Light Polypeptide (FTL)                                                                                                                    |
| Immunogen:        | RPD020Hu01Recombinant Ferritin, Light Polypeptide (FTL)                                                                                                                     |
| Clone:            | H16                                                                                                                                                                         |
| Specificity:      | The antibody is a mouse monoclonal antibody raised against FTL. It has been selected for its ability to recognize FTL in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Rat                                                                                                                                                                         |
| Purification:     | Protein A + Protein G affinity chromatography                                                                                                                               |

#### Target Details

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Target:           | FTL                                                          |
| Alternative Name: | Ferritin, Light Polypeptide ( <a href="#">FTL Products</a> ) |

## Target Details

|             |                                                                                            |
|-------------|--------------------------------------------------------------------------------------------|
| Background: | Ferritin Light Chain, Ferritin Light Polypeptide-Like 3, L Apoferritin, Ferritin L Subunit |
| UniProt:    | <a href="#">P02792</a>                                                                     |
| Pathways:   | <a href="#">Transition Metal Ion Homeostasis</a>                                           |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.                                                                                                                                                                         |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 1 mg/mL                                                                                                                                                         |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.                                                                                                |
| Preservative:      | ProClin                                                                                                                                                         |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                               |
| Storage:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |