

Recombinant Ferritin Heavy Chain Monoclonal Antibody

catalog number: **AN300913L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

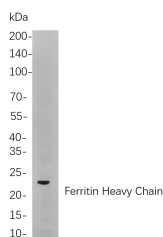
Description

| | |
|---------------------|---|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Recombinant Human Ferritin Heavy Chain protein |
| Host | Rabbit |
| Isotype | IgG, κ |
| Clone | B860 |
| Purification | Protein A |
| Buffer | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

Applications Recommended Dilution

| | |
|-----------|---------------|
| WB | 1:1000-1:5000 |
|-----------|---------------|

Data



Western Blot with Recombinant Ferritin Heavy Chain
Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:
U-14 cells.

Observed-MW:21 kDa

Calculated-MW:21 kDa

Preparation & Storage

| | |
|-----------------|---|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | Ice bag |

Background

This gene encodes the heavy subunit of ferritin, 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 ferritin proteins are associated with several neurodegenerative diseases. This gene has multiple pseudogenes. Several alternatively spliced transcript variants have been observed, but their biological validity has not been determined.

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