

Datasheet for ABIN7428215
anti-HFE2 antibody (AA 234-416)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | HFE2 |
| Binding Specificity: | AA 234-416 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This HFE2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|---|
| Purpose: | Monoclonal Antibody to Hemojuvelin (HJV) |
| Immunogen: | Recombinant Hemojuvelin (HJV) corresponding to Lys234~Ser416 with N-terminal His Tag |
| Clone: | C1 |
| Isotype: | IgG1 kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against HJV. It has been selected for its ability to recognize HJV in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Pig, Rat |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

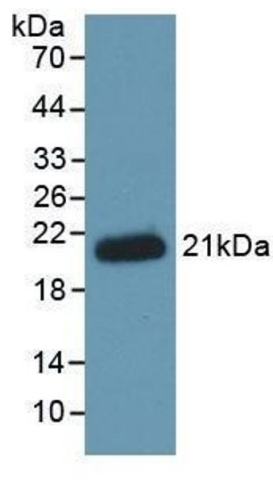
| | |
|-------------------|---|
| Target: | HFE2 |
| Alternative Name: | Hemojuvelin (HFE2 Products) |
| Background: | HFE2, HFE2A, HJV, JH, RGM C, hemochromatosis type 2(Juvenile), Haemojuvelin, RGM domain family member C |
| Pathways: | Transition Metal Ion Homeostasis |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 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

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|--------------------|---|
| Format: | Liquid |
| 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. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of Recombinant HJV, Human using Monoclonal Antibody to Hemojuvelin (HJV)