

Datasheet for ABIN7426430
anti-HFE2 antibody (AA 234-416)[Go to Product page](#)

2 Images

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:	C5
Isotype:	IgG2b 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

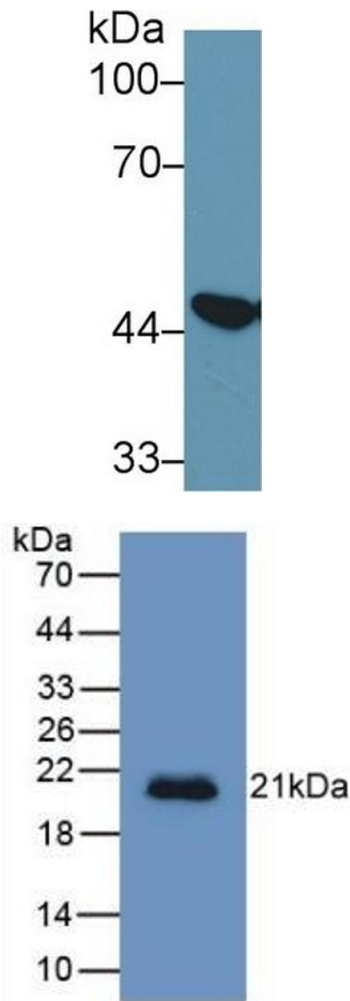
Target:	HFE2
Alternative Name:	Hemojuvelin (HFE2 Products)
Background:	HFE2, HFE2A, HJV, JH, RGM C, hemochromatosis type 2(Juvenile), Haemojuvelin, RGM domain family member C
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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
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 HJV in Human Liver lysate using Monoclonal Antibody to Hemojuvelin (HJV)

Western Blotting

Image 2. Detection of Recombinant HJV, Human using Monoclonal Antibody to Hemojuvelin (HJV)