

Datasheet for ABIN7428074  
**anti-HFE2 antibody (AA 29-401)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	HFE2
Binding Specificity:	AA 29-401
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 Leu29~Ala401 (Accession # Q6ZVN8)
Clone:	A6
Isotype:	IgG2b lambda
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, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

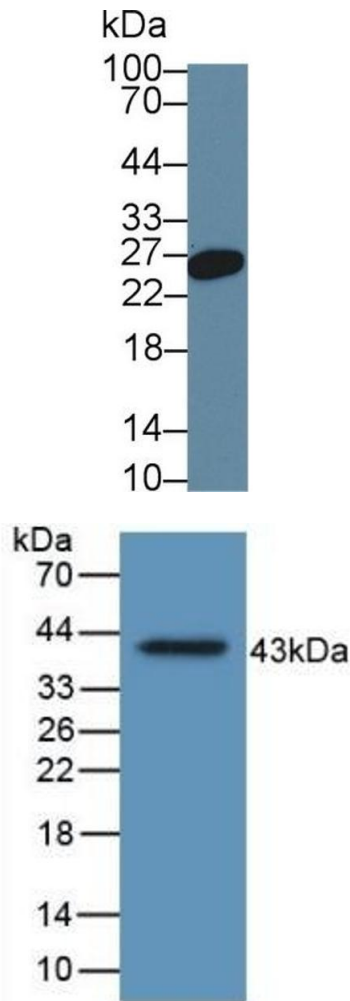
Target:	HFE2
Alternative Name:	Hemojuvelin ( <a href="#">HFE2 Products</a> )
Background:	HFE2, HFE2A, HJV, JH, RGM C, hemochromatosis type 2(Juvenile), Haemojuvelin, RGM domain family member C
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Application Notes:	Western blotting: 0.5-3 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

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 Rat Heart lysate using Monoclonal Antibody to Hemojuvelin (HJV)

Western Blotting

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