

Datasheet for ABIN7427954  
**anti-SLC40A1 antibody (AA 127-321)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	SLC40A1
Binding Specificity:	AA 127-321
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SLC40A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Ferroportin (FPN)
Immunogen:	Recombinant Ferroportin (FPN) corresponding to Trp127~Val321 with N-terminal His and GST Tag
Clone:	C2
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against FPN. It has been selected for its ability to recognize FPN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

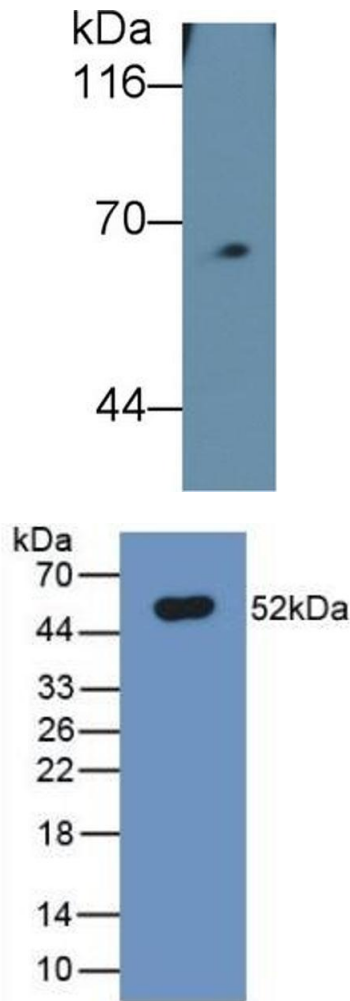
Target:	SLC40A1
Alternative Name:	Ferroportin ( <a href="#">SLC40A1 Products</a> )
Background:	SLC40A1, FPN1, HFE4, IREG1, MTP1, SLC11A3, Solute Carrier Family 40, Member 1, Iron-Regulated Transporter
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## 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
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 FPN in Mouse Skeletal muscle lysate using Monoclonal Antibody to Ferroportin (FPN)

**Western Blotting**

**Image 2.** Detection of Recombinant FPN, Human using Monoclonal Antibody to Ferroportin (FPN)