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Datasheet for ABIN651437

## anti-SLC25A28 antibody (N-Term)

### 4 Images

#### Overview

Quantity:	400 µL
Target:	SLC25A28
Binding Specificity:	AA 36-64, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A28 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This MFRN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-64 amino acids from the N-terminal region of human MFRN2.
Clone:	RB26404
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	SLC25A28
Alternative Name:	MFRN2 ( <a href="#">SLC25A28 Products</a> )

## Target Details

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Background:	MFRN2 is mitochondrial iron transporter that mediates iron uptake. It is probably required for heme synthesis of hemoproteins and Fe-S cluster assembly in non-erythroid cells. The iron delivered into the mitochondria, presumably as Fe(2+), is then probably delivered to ferrochelatase to catalyze Fe(2+) incorporation into protoporphyrin IX to make heme.
Molecular Weight:	39272
Gene ID:	81894
NCBI Accession:	<a href="#">NP_112489</a>
UniProt:	<a href="#">Q96A46</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

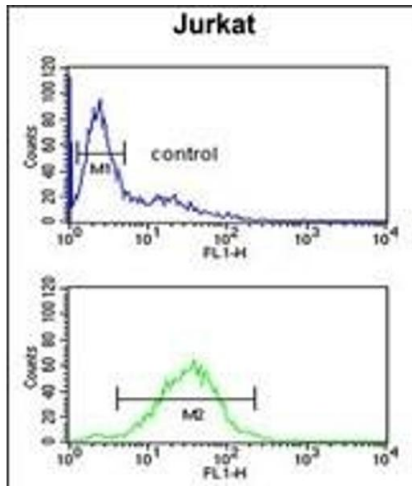
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Application Notes:	WB: 1:2000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

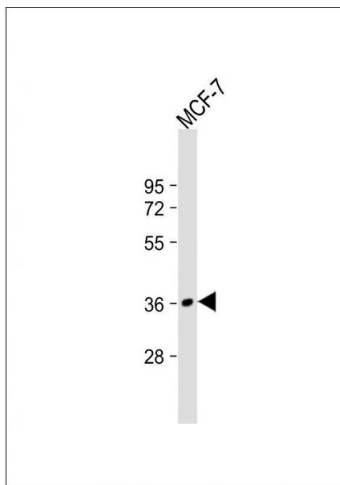
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



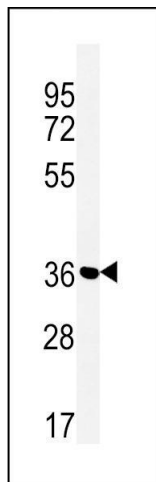
### Flow Cytometry

**Image 1.** MFRN2 Antibody (N-term) (ABIN651437 and ABIN2840240) flow cytometric analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** Anti-MFRN2 Antibody (N-term) at 1:2000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 39 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



### Western Blotting

**Image 3.** Western blot analysis of MFRN2 Antibody (N-term) (ABIN651437 and ABIN2840240) in Jurkat cell line lysates (35 µg/lane). MFRN2 (arrow) was detected using the purified Pab.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN651437.