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Datasheet for ABIN7170243

## anti-Band 3/AE1 antibody (AA 148-298)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	Band 3/AE1 (SLC4A1)
Binding Specificity:	AA 148-298
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Band 3/AE1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant Human Solute carrier family 40 member 1 protein (148-298AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

#### Target Details

Target:	Band 3/AE1 (SLC4A1)
Alternative Name:	SLC4A1 ( <a href="#">SLC4A1 Products</a> )
Background:	Background: May be involved in iron export from duodenal epithelial cell and also in transfer of iron between maternal and fetal circulation. Mediates iron efflux in the presence of a

## Target Details

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ferroxidase (hephaestin and/or ceruloplasmin).

Aliases: Ferroportin 1 antibody, Ferroportin antibody, Ferroportin-1 antibody, FPN1 antibody, HFE4 antibody, IREG1 antibody, iron regulated gene 1 antibody, Iron regulated transporter 1 antibody, Iron-regulated transporter 1 antibody, MST079 antibody, MSTP079 antibody, MTP1 antibody, putative ferroportin 1 variant IIIA antibody, putative ferroportin 1 variant IIIB antibody, S40A1\_HUMAN antibody, SLC11A3 antibody, SLC11A3, formerly antibody, SLC40A1 antibody, solute carrier family 11 (proton-coupled divalent metal ion transporters), member 3 antibody, solute carrier family 11 (proton-coupled divalent metal ion transporters), member 3, formerly antibody, solute carrier family 40 (iron-regulated transporter), member 1 antibody, Solute carrier family 40 member 1 antibody

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UniProt: [Q9NP59](#)

## Application Details

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Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

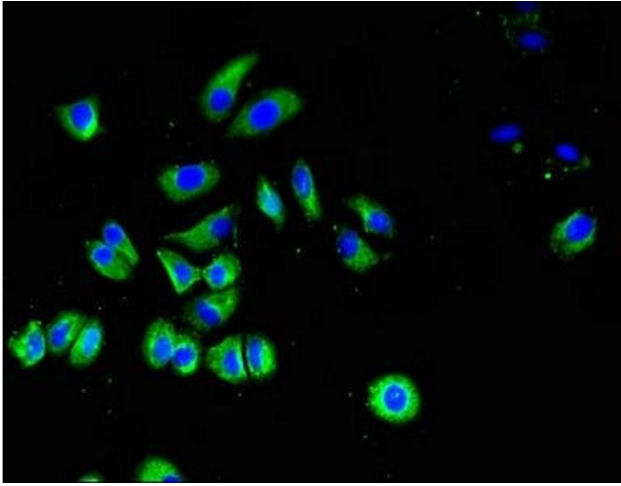
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunofluorescence

**Image 1.** Immunofluorescent analysis of HepG2 cells using ABIN7170243 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)