

Datasheet for ABIN7193264  
**anti-JAG1 antibody (AA 47-212)**



[Go to Product page](#)

5 Images

## Overview

Quantity:	100 µL
Target:	JAG1
Binding Specificity:	AA 47-212
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This JAG1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Purpose:	CD339 Antibody
Immunogen:	Purified recombinant fragment of human CD339 (AA: 47-212) expressed in E. Coli.
Clone:	7C7H2
Isotype:	IgG1
Purification:	Purified antibody

## Target Details

Target:	JAG1
Alternative Name:	CD339 ( <a href="#">JAG1 Products</a> )
Background:	Description:

## Target Details

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The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophila jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter a human homolog of the Drosophila jagged receptor notch. Mutations that alter the jagged 1 protein cause Alagille syndrome. Jagged 1 signalling through notch 1 has also been shown to play a role in hematopoiesis.

Aliases: JAG1, AGS, AHD, AWS, HJ1, AGS1, JAGL1

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Molecular Weight: 133.8kDa

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Gene ID: 182

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UniProt: [P78504](#)

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Pathways: [Notch Signaling, Stem Cell Maintenance](#)

## Application Details

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Application Notes: ELISA: 1/10000  
FCM: 1/200 - 1/400

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified antibody in PBS with 0.05 % sodium azide.

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Preservative: Sodium azide

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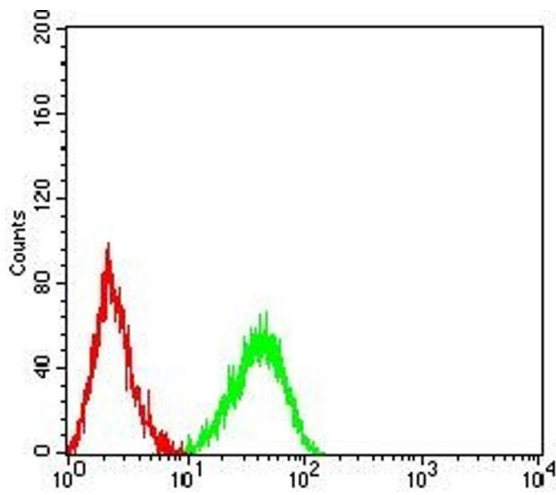
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

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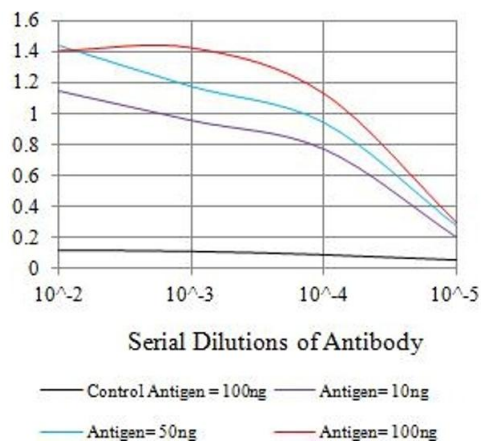
Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



### Flow Cytometry

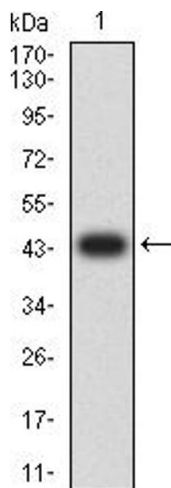
**Image 1.** Flow cytometric analysis of HL-60 cells using CD339 mouse mAb (green) and negative control (red).

### O.D. ELISA Result



### ELISA

**Image 2.** Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



### Western Blotting

**Image 3.** Western blot analysis using CD339 mAb against human CD339 (AA: extra 47-212) recombinant protein. (Expected MW is 44.6 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193264.