

Datasheet for ABIN1169437  
**anti-JAG1 antibody (FITC)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	50 µg
Target:	JAG1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This JAG1 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

## Product Details

Immunogen:	Recombinant human Jagged-1.
Clone:	J1G53-3
Isotype:	IgG1
Specificity:	Recognizes human Jagged-1. Detects a band of ~180 kDa by Western blot.
Cross-Reactivity:	Human
Sterility:	0.2 µm filtered

## Target Details

Target:	JAG1
Alternative Name:	Jagged-1 ( <a href="#">JAG1 Products</a> )
Background:	Jagged-1 is a ligand for multiple Notch receptors and involved in the mediation of Notch

## Target Details

signaling. It is involved in cell-fate decisions during hematopoiesis. Is involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation. Enhances fibroblast growth factor-induced angiogenesis (in vitro). Defects in Jagged-1 are the cause of Alagille syndrome type 1 (ALGS1) and tetralogy of Fallot (TOF).

UniProt: [P78504](#)

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

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

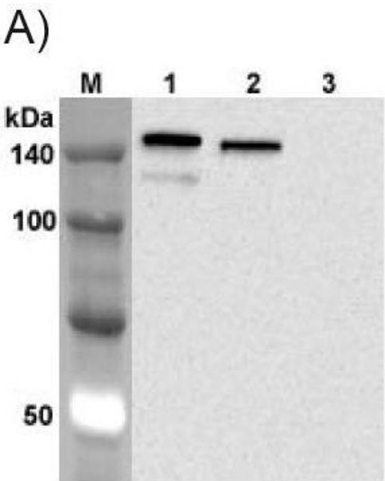
Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

Preservative: Without preservative

Storage: 4 °C, -20 °C

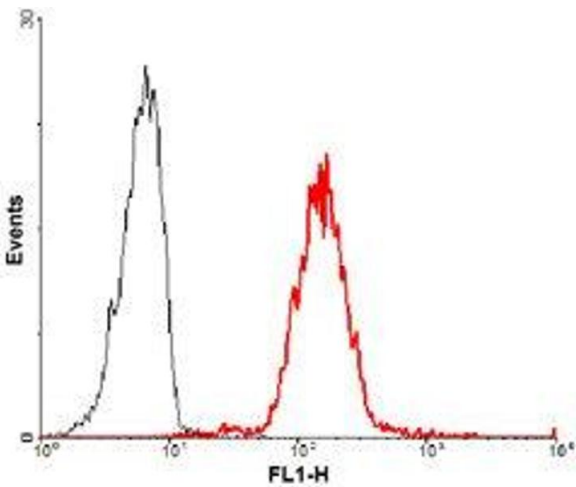
Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months



#### Western Blotting

**Image 1.** Western blot analysis using anti-Jagged-1 (human), mAb (J1G53-3) (FITC) at 1:1'000 dilution. 1: Human Jagged-1 Fc fusion protein. 2. Transfected human Jagged-1 cell lysate (HEK 293). 3. Mock transfected HEK 293 cell lysate.



#### Flow Cytometry

**Image 2.** FACS staining of human Lymphocyte( CD4+ ) using anti-Jagged-1 (human), mAb (J1G53-3) (FITC) .