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Datasheet for ABIN1169436

anti-JAG1 antibody

Images



Overview

Quantity:	100 μg
Target:	JAG1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant human Jagged-1.
Clone:	J1G53-3
Isotype:	lgG1
Specificity:	Recognizes human Jagged-1. Detects a band of ~180 kDa by Western blot.
Cross-Reactivity:	Human
Sterility:	0.2 μm filtered

Target Details

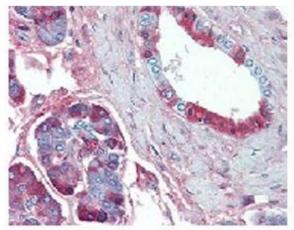
Target:	JAG1
Alternative Name:	Jagged-1 (JAG1 Products)
Background:	Jagged-1 is a ligand for multiple Notch receptors and involved in the mediation of Notch
	signaling. It is involved in cell-fate decisions during hematopoiesis. Is involved in early and late

Target Details

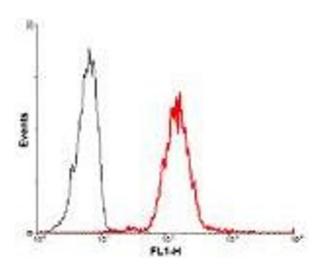
Expiry Date:

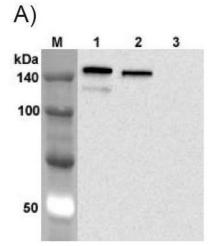
12 months

- Target Details	
	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.



629395 Pancreas, Adini and Duct 40X





Immunohistochemistry

Image 1. Immunohistochemical staining of JAG1 using anti-Jagged-1 (human), mAb (J1G53-3) in Pancreas, Acini and Duct (2.5 μ g/ml). This antibody has been tested in immunohistochemistry, analyzed by an anatomic pathologist and validated for use in IHC applications against formalin-fixed, paraffin-embedded human tissues. The image shows the localization of the antibody as the precipitated red signal, with a hematoxylin purple nuclear counterstain.

Flow Cytometry

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

Western Blotting

Image 3. Western blot analysis using anti-Jagged-1 (human), mAb (J1G53-3) 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.