

ARG56873 anti-Jagged 1 antibody [J1G53-3]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [J1G53-3] recognizes Jagged 1
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	J1G53-3
Isotype	IgG1, kappa
Target Name	Jagged 1
Species	Human
Immunogen	Recombinant Human Jagged1.
Conjugation	Un-conjugated
Alternate Names	Protein jagged-1; HJ1; AHD; Jagged1; AWS; CD antigen CD339; CD339; JAGL1; hJ1; AGS

Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1:500 - 1:5000</td></tr></tbody></table>	Application	Dilution	WB	1:500 - 1:5000
Application	Dilution				
WB	1:500 - 1:5000				
Application Note	<p>WB: Suggested blocking and dilution buffer is PBST with 0.05% Tween 20 and 5% skim milk. Suggested incubation time is 1 hour at room temperature).</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>				

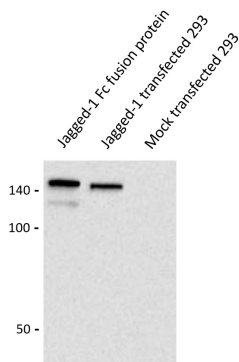
Properties

Form	Liquid
Purification Note	0.2 µm filtered.
Buffer	PBS (pH 7.4)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 182 Human Swiss-port # P78504 Human
Gene Symbol	JAG1
Gene Full Name	jagged 1
Background	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. [provided by RefSeq, Jul 2008]
Function	Ligand for multiple Notch receptors and involved in the mediation of Notch signaling. May be involved in cell-fate decisions during hematopoiesis. Seems to be involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation (By similarity). Enhances fibroblast growth factor-induced angiogenesis (in vitro). [UniProt]
Calculated Mw	134 kDa
Cellular Localization	Membrane; Single-pass type I membrane protein

Images



ARG56873 anti-Jagged 1 antibody [J1G53-3] WB image

Western blot: 1) Human Jagged-1 Fc fusion proteion, 2) Human Jagged-1 transfected 293 cell lysate and 3) Mock transfected 293 cell lysate stained with ARG56873 anti-Jagged 1 antibody [J1G53-3] at 1:1000 dilution.