

Product Datasheet

Jagged 1 Antibody (J1G53-3) [FITC] - Azide and BSA Free NBP3-11671

Unit Size: 50 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-11671

Jagged 1 Antibody (J1G53-3) [FITC] - Azide and BSA Free

Product Information	
Unit Size	50 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	J1G53-3
Preservative	No Preservative
Isotype	IgG Kappa
Conjugate	FITC
Purity	Protein G purified
Buffer	0.2 um-filtered solution in PBS, pH 7.4

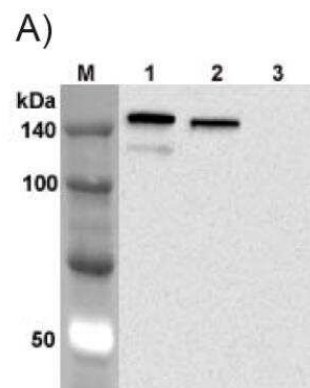
Product Description	
Host	Mouse
Gene ID	182
Gene Symbol	JAG1
Species	Human
Specificity/Sensitivity	Recognizes human Jagged 1. Detects a band of ~180kDa by Western blot.
Immunogen	Recombinant human Jagged 1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Surface Plasmon Resonance
Recommended Dilutions	Western Blot, Flow Cytometry, Surface Plasmon Resonance
Application Notes	Western blot: 1:2000-1:5000 using ECL. 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.

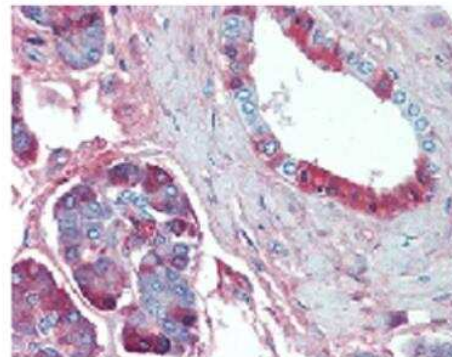


Images

Western Blot: Jagged 1 Antibody (J1G53-3) [NBP3-11671] - "Western blot analysis using Jagged 1 antibody (J1G53-3) at 1:1000 dilution. 1: Human Jagged-1 Fc fusion protein. 2. Transfected human Jagged-1 cell lysate (HEK 293). 3. Mock transfected HEK 293 cell lysate.

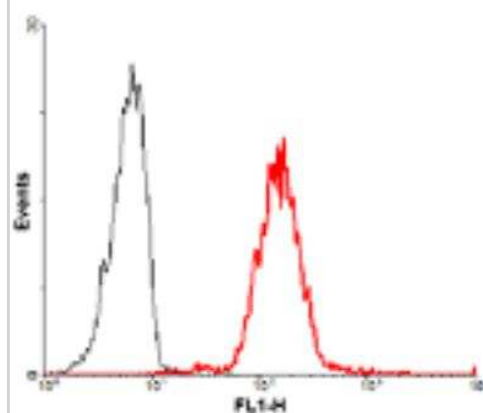


Immunohistochemistry: Jagged 1 Antibody (J1G53-3) [NBP3-11671] - Immunohistochemical staining of JAG1 using Jagged 1 antibody (J1G53-3) in Pancreas, Acini and Duct (2.5 ug/ml). This antibody has been tested in immunohistochemistry, analyzed by an anatomic pathologist and validated for use in IHC applications 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.

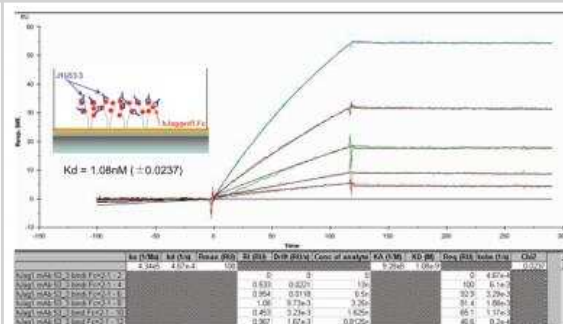


029365 Pancreas, Acini and Duct: 40X

Flow Cytometry: Jagged 1 Antibody (J1G53-3) [NBP3-11671] - FACS staining of human Lymphocyte(CD4+) using Jagged 1 antibody (J1G53-3) (PerCP).



Surface Plasmon Resonance: Jagged 1 Antibody (J1G53-3) [NBP3-11671] - SPR analysis of the interaction between Jagged 1 antibody (J1G53-3) derivative hJagged1-Fc fusion protein. SPR response was taken when 13, 6.5, 3.25, 1.625, and 0.8125nM of J1G53-3 were injected onto the hJagged1-Fc fusion protein. J1G53-3 exhibited the highest binding affinity, and its property and binding ability was studied in detail by spectroscopy and surface Plasmon resonance (SPR). The result acquired through SPR was as follows: Kd value was 1.08nM and value of chi-square was 0.0237 through SPR analysis.





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210-TA-005	TNF-alpha [Unconjugated]
1277-JG-050	Jagged 1 [Unconjugated]
AF835	Caspase-3 Antibody [Unconjugated] - Active

Limitations

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