Product Datasheet

Jagged 1 Antibody (J1G53-3) - 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.

www.novusbio.com technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-11671

Updated 4/3/2022 v.20.1

Earn rewards for product reviews and publications.
Submit a publication at www.novusbio.com/publications
Submit a review at www.novusbio.com/reviews/destination/NBP3-11671

NBP3-11671

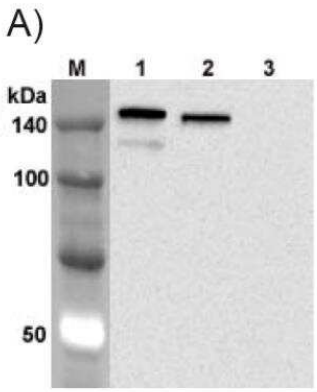
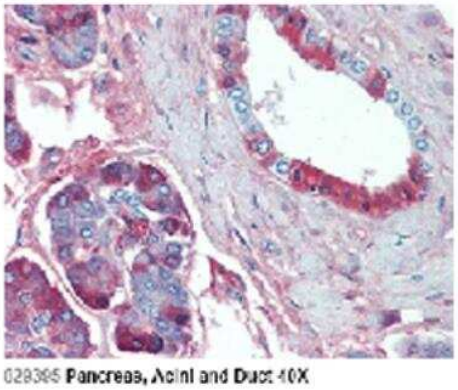
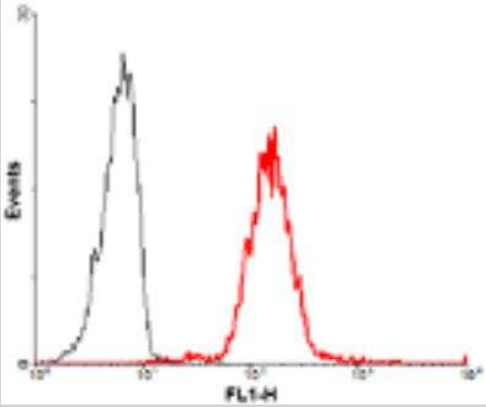
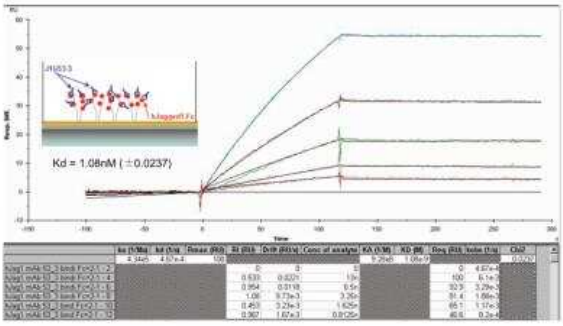
Jagged 1 Antibody (J1G53-3) - Azide and BSA Free

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
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 rooom 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.	
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.	

Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-11671

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-90208PEP	Jagged 1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-11671

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications