

# Product Datasheet

## GLI-1 Antibody [Alexa Fluor® 647] NB600-600AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-600AF647**

GLI-1 Antibody [Alexa Fluor® 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 647
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	2735
Gene Symbol	GLI1
Species	Human, Mouse, Canine
Reactivity Notes	Canine reactivity reported from a verified customer review.
Specificity/Sensitivity	No reaction occurs with human or mouse Gli2 or Gli3.
Immunogen	A synthetic peptide made toward the C-terminus portion of the human GLI-1 protein (between residues 800-850) [Uniprot: P08151]
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoblotting, Flow (Intracellular), Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.



## Images

Product Image: GLI-1 Antibody [Alexa Fluor® 647] [NB600-600AF647] - Vial of Alexa Fluor 647 conjugated antibody. Alexa Fluor 647 is optimally excited at 653 nm by the Red laser (633 or 640 nm) and has an emission maximum of 669 nm.



## Publications

Jessica E. Pritchard, Juliette E. Pearce, Inge A.M. Snoeren, Stijn N.R. Fuchs, Katrin Götz, Fabian Peisker, Silke Wagner, Adam Benabid, Niklas Lutterbach, Vanessa Klöker, James S. Nagai, Monica T. Hannani, Anna K. Galyga, Ellen Sistemich, Bella Banjanin, Niclas Flosdorf, Eric Bindels, Kathrin Olschok, Katharina Biaesch, Nicolas Chatain, Neha Bhagwat, Andrew Dunbar, Rita Sarkis, Olaia Naveiras, Marie-Luise Berres, Steffen Koschmieder, Ross L. Levine, Ivan G. Costa, Hélène F.E. Gleitz, Rafael Kramann, Rebekka K. Schneider Non-canonical Hedgehog signaling mediates profibrotic hematopoiesis-stroma crosstalk in myeloproliferative neoplasms Cell Reports 2023-12-20 [PMID: 38117649]



### **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 NB600-600AF647**

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NBP2-24891AF647	Rabbit IgG Isotype Control [Alexa Fluor® 647]
NB600-600AF700	GLI-1 Antibody [Alexa Fluor® 700]
NBP1-78259PEP	GLI-1 Antibody Blocking Peptide
464-SH-025	Sonic Hedgehog/Shh [Unconjugated]

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### **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.

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