

# Product Datasheet

## NOD1 Antibody - BSA Free NB100-56878

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-56878](http://www.novusbio.com/NB100-56878)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB100-56878](http://www.novusbio.com/reviews/destination/NB100-56878)



**NB100-56878**

NOD1 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Whole antisera with 50% Glycerol

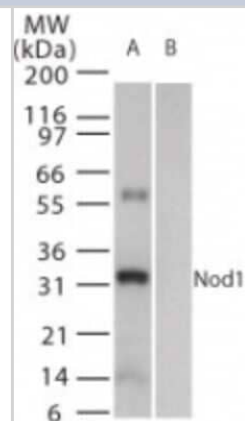
Product Description	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Rabbit NOD1 Antibody - BSA Free (NB100-56878) is a polyclonal antibody validated for use in IHC and WB. Anti-NOD1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10392
<b>Gene Symbol</b>	NOD1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Predicted to cross react with New World Monkey and Mouse. Mouse reactivity reported in scientific literature (PMID: 20615568).
<b>Immunogen</b>	Amino acids 930-949 of human NOD1 protein were used as the immunogen for this antibody.

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2500, Immunohistochemistry, Immunohistochemistry-Paraffin 1:100

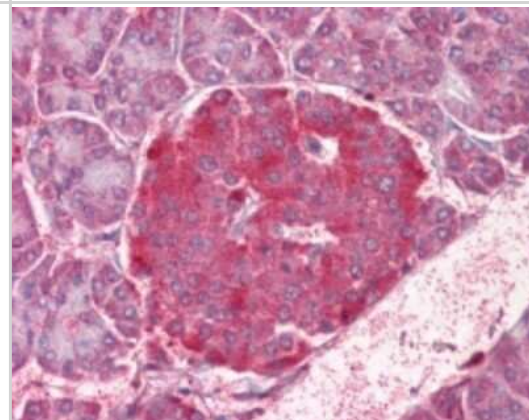


## Images

Western Blot: NOD1 Antibody [NB100-56878] - analysis of NOD1 in (A) recombinant fusion protein containing amino acids 930-949 and (B) fusion partner without these amino acids, using NOD1 antibody at 1:2500.



Immunohistochemistry-Paraffin: NOD1 Antibody [NB100-56878] - analysis of human pancreas using NOD1 antibody at 1:100.



## Publications

Caputa G, Matsushita M, Sanin DE et al. Intracellular infection and immune system cues rewire adipocytes to acquire immune function *Cell metabolism* 2022-05-03 [PMID: 35508110] (KO, WB, Mouse)

Xiang C, Chen P, Zhang Q et al. Intestinal microbiota modulates adrenomedullary response through Nod1 sensing in chromaffin cells *iScience* 2021-08-01 [PMID: 34381974]

Ahn M Y, Kang J K et al. Expression of nucleotide-binding oligomerization domain 1 and 2 in oral lichen planus. *J Dent Sci* 2020-01-03 [PMID: 32256993] (IF/IHC, Human)

Scott MJ, Chen C, Sun Q, Billiar TR. Hepatocytes express functional NOD1 and NOD2 receptors: a role for NOD1 in hepatocyte CC and CXC chemokine production. *J Hepatol*. 2010-10-01 [PMID: 20615568] (WB, Mouse)

Details:

Products cited: NOD1/CARD4 (IMG-5224A) and NOD2/CARD15 (IMG-5738). WB: Mouse C57BL/6 hepatocyte NOD1 & NOD2 siRNA transfected cell line, Fig 4C. Note: The NOD1 (IMG-5224A) and NOD2 (IMG-5738) antibodies were siRNA validated by WB in mouse C57BL/6 hepatocyte



### **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 NB100-56878**

---

NBL1-13705	NOD1 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

---

### **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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB100-56878](http://www.novusbio.com/reviews/submit/NB100-56878)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

