

# Product Datasheet

## Galectin-1 Antibody - BSA Free NBP1-89791

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/NBP1-89791](http://www.novusbio.com/NBP1-89791)

Updated 2/21/2025 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/NBP1-89791](http://www.novusbio.com/reviews/destination/NBP1-89791)



**NBP1-89791**

Galectin-1 Antibody - BSA Free

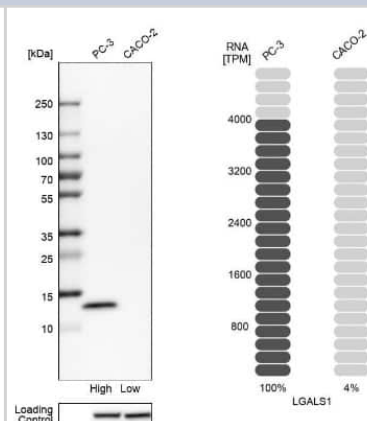
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	3956
Gene Symbol	LGALS1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EVAPDAKSFVLNLGKDSNNLCLHFNPRFNAHGDANTIVCNSKDGGAWGTEQR EAVFPFQPGSVAEVCITFDQANLTVKLPDGYEFKFPNRLNLEAINYMAADGDFK IKCV

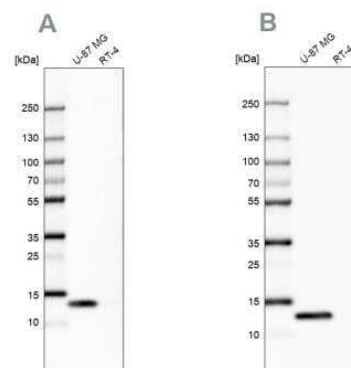
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

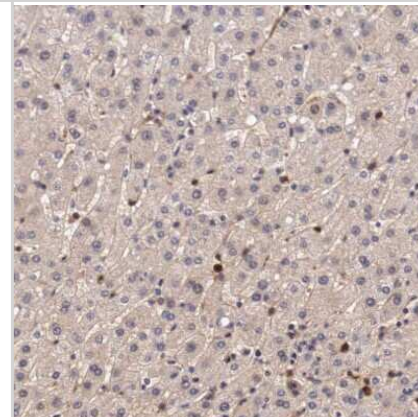
Western Blot: Galectin-1 Antibody [NBP1-89791] - Analysis in human cell lines PC-3 and Caco-2 using anti-LGALS1 antibody. Corresponding LGALS1 RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



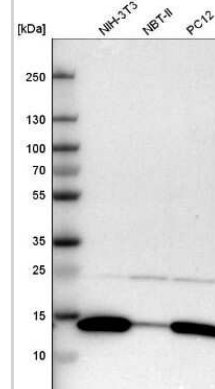
Western Blot: Galectin-1 Antibody [NBP1-89791] - Analysis using Anti-LGALS1 antibody NBP1-89791 (A) shows similar pattern to independent antibody NBP2-76490 (B).



Immunohistochemistry-Paraffin: Galectin-1 Antibody [NBP1-89791] - Staining of human liver shows moderate cytoplasmic positivity in a subset of hepatocytes.



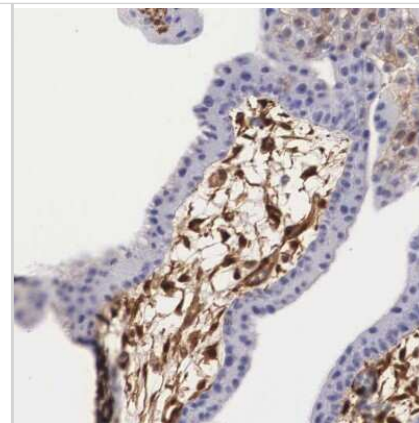
Western Blot: Galectin-1 Antibody [NBP1-89791] - Western blot analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



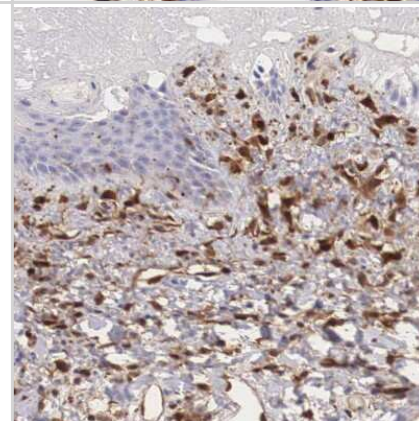
Immunohistochemistry-Paraffin: Galectin-1 Antibody [NBP1-89791] - Staining of human endometrium shows strong cytoplasmic positivity in cells in endometrial stroma.



Immunohistochemistry-Paraffin: Galectin-1 Antibody [NBP1-89791] - Staining of human placenta shows moderate cytoplasmic positivity in decidual cells.



Immunohistochemistry-Paraffin: Galectin-1 Antibody [NBP1-89791] - Staining of human skin shows moderate cytoplasmic positivity in dermal cells.



## Publications

de Oliveira B M, Matsumura C Y et al. Quantitative proteomic analysis reveals metabolic alterations, calcium dysregulation, and increased expression of extracellular matrix proteins in laminin alpha 2 chain-deficient muscle. *Mol Cell Proteomics* 2014-01-11 [PMID: 24994560] (IF/IHC, Mouse)

Ozbek M, Hitit M, Yildirim N et al. Expression pattern of galectin-1 and galectin-3 in rat testes and epididymis during postnatal development. *Acta Histochem.* 2018-09-18 [PMID: 30241677] (IF/IHC, Rat)

Bolander A, Agnarsdottir M, Stromberg S et al. The protein expression of TRP-1 and galectin-1 in cutaneous malignant melanomas. *Cancer Genomics Proteomics* 2008-11-01 [PMID: 19287070]

Ek S, Andreasson U, Hober S et al. From gene expression analysis to tissue microarrays: a rational approach to identify therapeutic and diagnostic targets in lymphoid malignancies. *Mol Cell Proteomics* 2006-06-01 [PMID: 16524965]



### **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 NBP1-89791**

---

NBP1-89791PEP	Galectin-1 Recombinant Protein Antigen
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/NBP1-89791](http://www.novusbio.com/reviews/submit/NBP1-89791)

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

