

# 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)



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### Publications: 4

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Updated 12/2/2025 v.20.1

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**NBP1-89791**

Galectin-1 Antibody - BSA Free

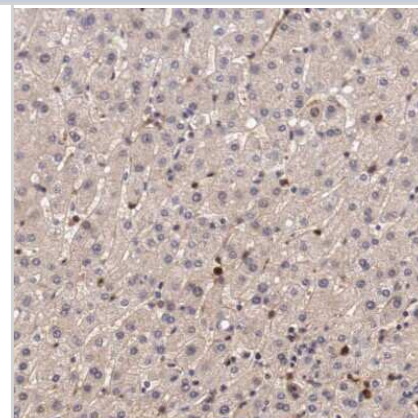
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Galectin-1 Antibody - BSA Free (NBP1-89791) is a polyclonal antibody validated for use in IHC and WB. Anti-Galectin-1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3956
<b>Gene Symbol</b>	LGALS1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: EVAPDAKSFVLNLGKDSNNLCLHFNPRFNAHGDANTIVCNSKDGGAWGTEQR EAVFPFQPGSVAEVCITFDQANLTVKLPDGYEFKFPNRLNLEAINYMAADGDFK IKCV

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

**Images**

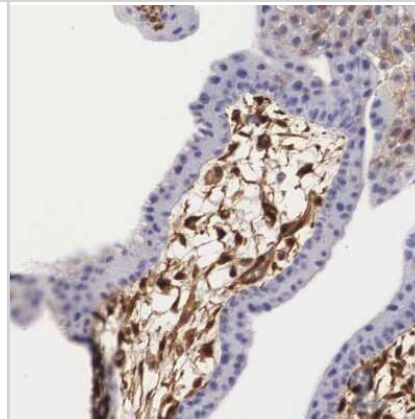
Immunohistochemistry-Paraffin: Galectin-1 Antibody [NBP1-89791] - Staining of human liver shows moderate cytoplasmic positivity in a subset of hepatocytes.



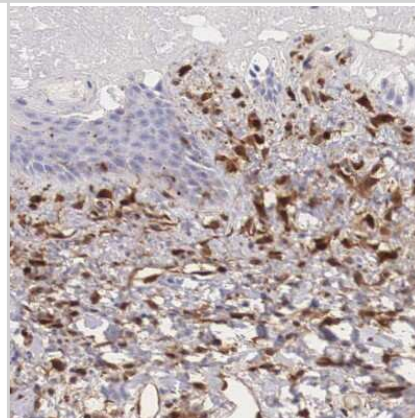
Immunohistochemistry-Paraffin: Galectin-1 Antibody [NBP1-89791] - Staining of human endometrium shows strong cytoplasmic positivity in cells in endometrial stroma.



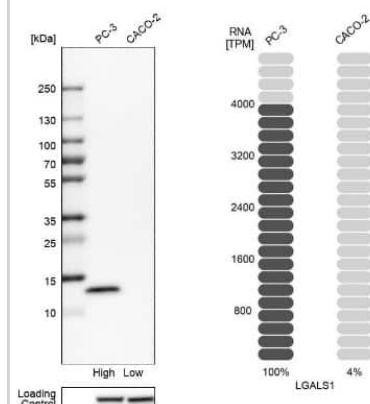
Immunohistochemistry-Paraffin: Galectin-1 Antibody [NBP1-89791] - Staining of human placenta shows moderate cytoplasmic positivity in decidual cells.



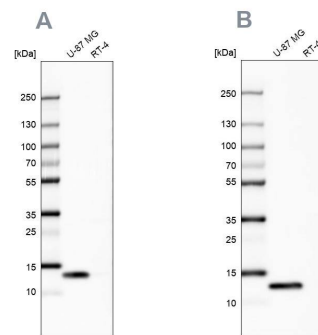
Immunohistochemistry-Paraffin: Galectin-1 Antibody [NBP1-89791] - Staining of human skin shows moderate cytoplasmic positivity in dermal cells.



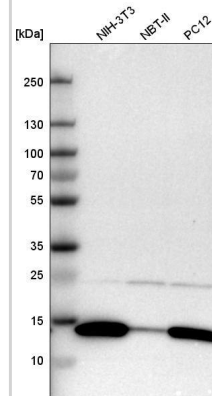
Western Blot: Galectin-1 Antibody [NBP1-89791] - Analysis in human cell lines PC-3 and Caco-2 using anti-LGALS1 antibody. Corresponding LGALS1 RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



Analysis using Anti-LGALS1 antibody NBP1-89791 (A) shows similar pattern to independent antibody NBP2-76490 (B).



Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



## 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]



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### **Products Related to NBP1-89791**

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NBP1-89791PEP	Galectin-1 Recombinant Protein Antigen
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

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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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