

# Product Datasheet

## Galectin-1 Antibody **H00003956-D01P**

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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



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

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**H00003956-D01P**

Galectin-1 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)

**Product Description**

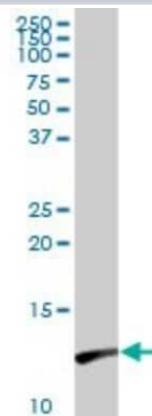
<b>Description</b>	Quality control test: Antibody reactive against mammalian transfected lysate.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3956
<b>Gene Symbol</b>	LGALS1
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	LGALS1 - lectin, galactoside-binding, soluble, 1 (galectin 1),
<b>Immunogen</b>	LGALS1 (NP_002296.1, 1 a.a. - 135 a.a.) full-length human protein. MACGLVASNLNLKPGECLRVRGEVAPDAKSFVLNLGKDSNNLCHFNPRFNAH GDANTIVCNSKDGGAWGTEQREAVFPFQPGSVAEV CITFDQANLTVKLPDGYE FKFPNRLNLEAINYMAADGDFKIKCVAFD
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

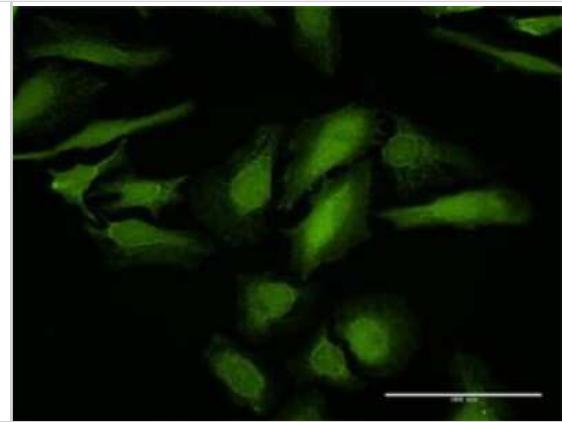
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

**Images**

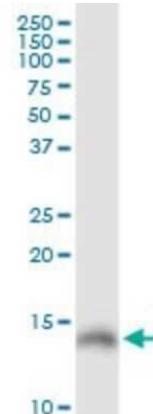
Western Blot: Galectin-1 Antibody [H00003956-D01P] - Analysis of LGALS1 expression in mouse spleen.



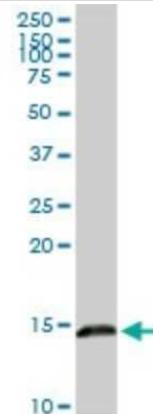
Immunocytochemistry/Immunofluorescence: Galectin-1 Antibody [H00003956-D01P] - Analysis of antibody to LGALS1 on HeLa cell. Antibody concentration 10 ug/ml.



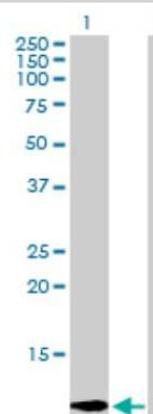
Western Blot: Galectin-1 Antibody [H00003956-D01P] - Analysis of LGALS1 expression in HeLa.



Western Blot: Galectin-1 Antibody [H00003956-D01P] - Analysis of LGALS1 expression in human kidney.



Western Blot: Galectin-1 Antibody [H00003956-D01P] - Analysis of LGALS1 expression in transfected 293T cell line by LGALS1 polyclonal antibody. Lane 1: LGALS1 transfected lysate(14.70 KDa).Lane 2: Non-transfected lysate.



## Publications

Doe JA, Wuebbles RD, Allred ET et al. Transgenic overexpression of the  $\{\alpha\}7$  integrin reduces muscle pathology and improves viability in the dyW mouse model of merosin-deficient congenital muscular dystrophy type 1A. J Cell Sci. 2011-06-07 [PMID: 21652631]



## 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

[novus@novusbio.com](mailto:novus@novusbio.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](mailto: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](mailto:info.EMEA@bio-techne.com)

## General Contact Information

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

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

Orders: [orders@novusbio.com](mailto:orders@novusbio.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

## 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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