

# Product Datasheet

## Galectin-3 Antibody - BSA Free

### NBP3-03252-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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



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#### Publications: 2

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**NBP3-03252-100ul**

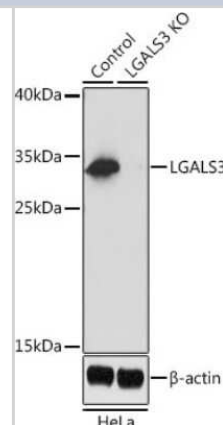
Galectin-3 Antibody - BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                  |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                   |
| Preservative                | 0.09% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                           |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity                      | Affinity purified                                                                                                                                                                                                                                                                                                                                                                                            |
| Buffer                      | PBS (pH 7.3), 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                   |
| Target Molecular Weight     | 26 kDa                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                              |
| Description                 | Novus Biologicals Knockout (KO) Validated Rabbit Galectin-3 Antibody - BSA Free (NBP3-03252) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Galectin-3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                         |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene ID                     | 3958                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Symbol                 | LGALS3                                                                                                                                                                                                                                                                                                                                                                                                       |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen                   | Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human Galectin 3/Galectin-3 (NP_002297.2).<br>MADNFSLDALSGSGNPNPQGWPAGWGNQPAGAGGYPGASYPGAYPGQAP<br>PGAYPGQAPPGAYPGAPGAYPGAPAGVYPGPPSGPGAYPSSGQPSATGAY<br>PATGPYGAPAGPLIVPYNLPLPGGVVPRMLITILGTVKPNANRIALDFQRGNDVA<br>FHFNPRFNENNRVIVCNTKLDNNWGREERQSVFPFESGKPFKIQVLVEPDHF<br>KVAVNDAHLLQYNHRVKKLNEISKLGISGDIDLTASAYTMI |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Knockout Validated                                                                                                                                                                                                                                                                                                                                    |
| Recommended Dilutions       | Western Blot 1:500 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Knockout Validated                                                                                                                                                                                                                                                                                                          |

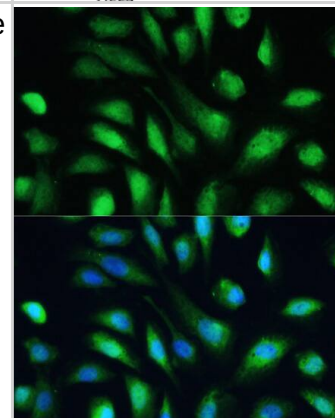


## Images

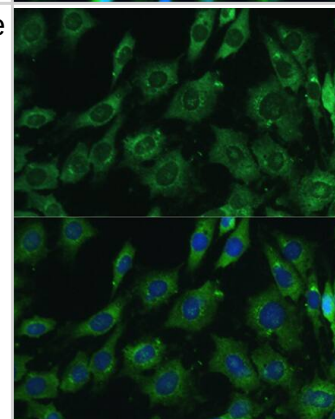
Western Blot: Galectin-3 Antibody [NBP3-03252] - Analysis of extracts from normal (control) and LGALS3 knockout (KO) HeLa cells, using Galectin-3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: nonfat dry milk in TBST.



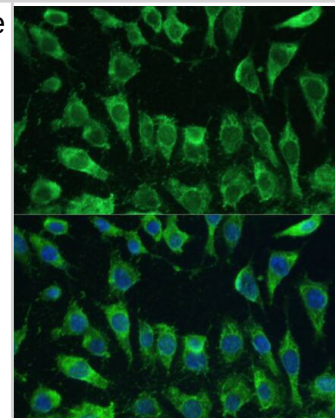
Immunocytochemistry/ Immunofluorescence: Galectin-3 Antibody - Azide and BSA Free [Galectin-3] - Immunofluorescence analysis of U-2 OS cells using [KO Validated] Galectin-3 Rabbit pAb at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: Galectin-3 Antibody - Azide and BSA Free [Galectin-3] - Immunofluorescence analysis of C6 cells using [KO Validated] Galectin-3 Rabbit pAb at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: Galectin-3 Antibody - Azide and BSA Free [Galectin-3] - Immunofluorescence analysis of L-929 cells using [KO Validated] Galectin-3 Rabbit pAb at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



## Publications

Groh J, Abdelwahab T, Kattimani Y et al. Microglia-mediated demyelination protects against CD8+ T cell-driven axon degeneration in mice carrying PLP defects Nature communications 2023-10-30 [PMID: 37903797] (Immunohistochemistry, Mouse)

Groh J, Abdelwahab T, Kattimani Y et al. Genetically perturbed myelin as a risk factor for neuroinflammation-driven axon degeneration bioRxiv 2023-07-19 (IHC, Mouse)





### **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 NBP3-03252-100ul**

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|             |                                                     |
|-------------|-----------------------------------------------------|
| 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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