

# Product Datasheet

## Galectin-3 Antibody (5C21) - BSA Free NBP1-92690

Unit Size: 0.1 ml

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

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Updated 2/21/2025 v.20.1

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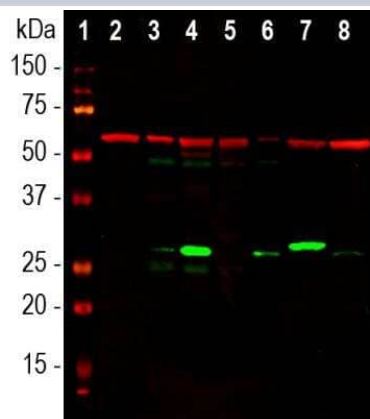
**NBP1-92690**

Galectin-3 Antibody (5C21) - BSA Free

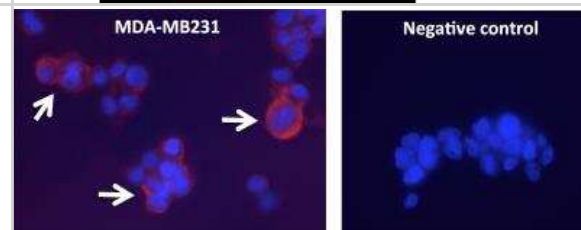
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5C21
Preservative	0.035% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	30 kDa
Product Description	
Host	Mouse
Gene ID	3958
Gene Symbol	LGALS3
Species	Human, Mouse, Rat
Immunogen	Full length recombinant human Galectin-3 expressed in and purified from E. coli. [UniProt# P17931]
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000
Application Notes	This Galectin-3 (5C21) antibody is useful for Immunocytochemistry/Immunofluorescence, Immunohistochemistry, and Western blot, where a band can be seen at approximately 30 kDa.

## Images

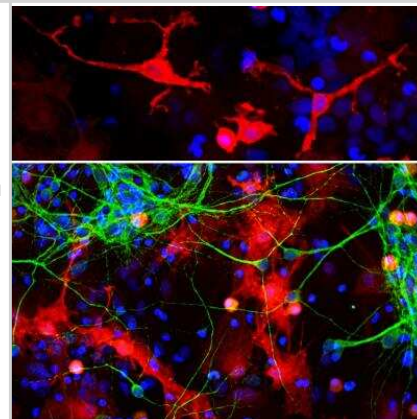
Western Blot: Galectin-3 Antibody (5C21) [NBP1-92690] - Analysis of different tissue and cell lysates using mouse mAb to galectin-3, NBP1-92690, dilution 1:2,000 in green: [1] protein standard (red), [2] mouse brain lysate, rat tissue lysates: [3] brain, [4] liver, [5] heart, [6] kidney, [7] lung, and [8] HEK293 cell lysate. The band at about 30kDa mark corresponds to the galectin-3 protein. The same blot was simultaneously probed with chicken pAb to HSP60, dilution 1:20,000, in red, which reveals HSP60 protein in all preparations.



Immunocytochemistry/Immunofluorescence: Galectin-3 Antibody (5C21) [NBP1-92690] - MDA-MB-231 cells stained for Gal-3 (red, arrows), shown with DAPI counterstained nuclei (blue). Negative control received non-specific antibody instead of primary antibody. Image from a verified customer review.



Immunocytochemistry/Immunofluorescence: Galectin-3 Antibody (5C21) [NBP1-92690] - Analysis of cortical neuron-glia cell culture from E20 rat stained with mouse mAb to galectin-3, NBP1-92690, dilution 1:1,000 in red, and costained with chicken pAb to MAP2, dilution 1:10,000 in green. The blue is Hoechst staining of nuclear DNA. The NBP1-92690 antibody produces strong staining of microglia (top panel), other glial cells (bottom panel) and lymphocytic cells (small round cells), while the MAP2 antibody labels dendrites and perikarya of mature neurons.



## Publications

Gaur M, Ramathal C, Reijo Pera RA et al. Isolation of human testicular cells and co-culture with embryonic stem cells. *Reproduction*. 2018-02-01 [PMID: 29326135] (WB, Human)

Details:

This citation used the HRP form of this antibody



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### **Products Related to NBP1-92690**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-92690F	Galectin-3 Antibody (5C21) [FITC]

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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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