

# Product Datasheet

## Galectin-8 Antibody (JB85-35)

### NBP2-75501

Unit Size: 100 ul

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

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#### Publications: 2

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**NBP2-75501****Galectin-8 Antibody (JB85-35)**

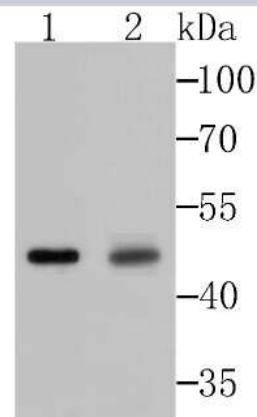
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JB85-35
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol
<b>Target Molecular Weight</b>	40 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Galectin-8 Antibody (JB85-35) (NBP2-75501) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-Galectin-8 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3964
<b>Gene Symbol</b>	LGALS8
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within Human Galectin-8 aa 1-50 / 317. (SwissProt: O00214 Human; SwissProt: Q9JL15 Mouse; SwissProt: Q62665 Rat)

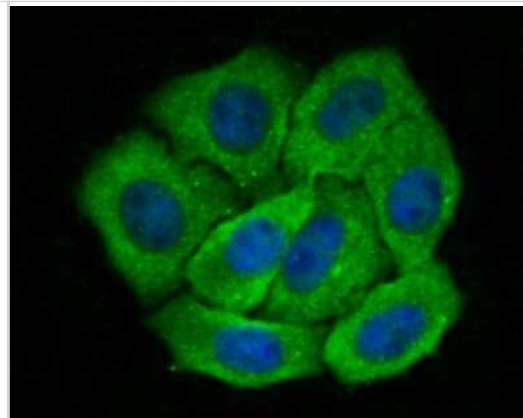
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:400-1:800, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

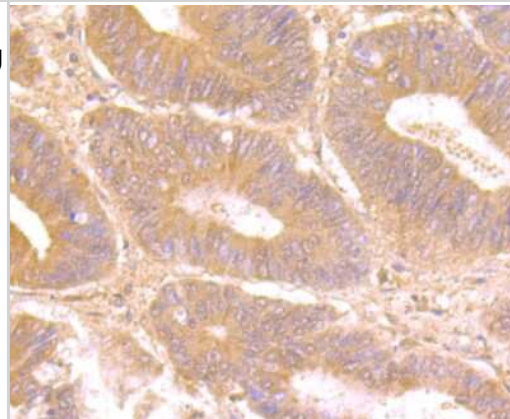
Western Blot: Galectin-8 Antibody (JB85-35) [NBP2-75501] - Analysis of Galectin 8 on mouse testis and rat testis tissue lysates using anti-Galectin 8 antibody at 1/500 dilution.



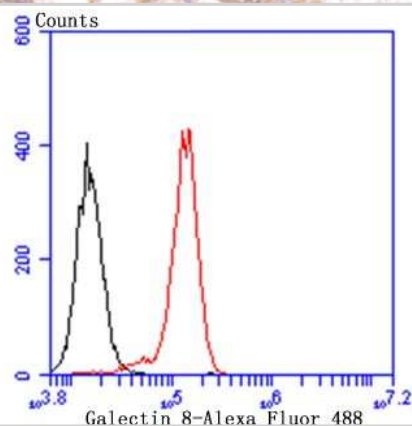
Immunocytochemistry/Immunofluorescence: Galectin-8 Antibody (JB85-35) [NBP2-75501] - Staining Galectin 8 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



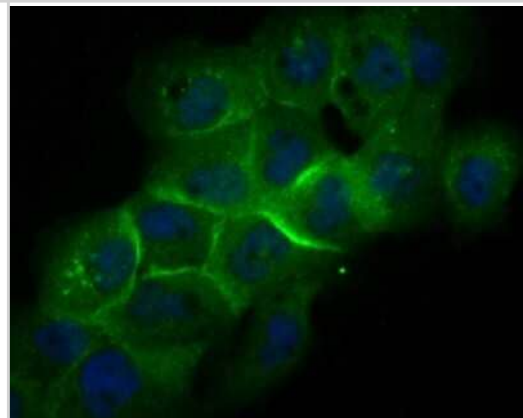
Immunohistochemistry-Paraffin: Galectin-8 Antibody (JB85-35) [NBP2-75501] - Analysis of paraffin-embedded human colon cancer tissue using anti-Galectin 8 antibody. Counter stained with hematoxylin.



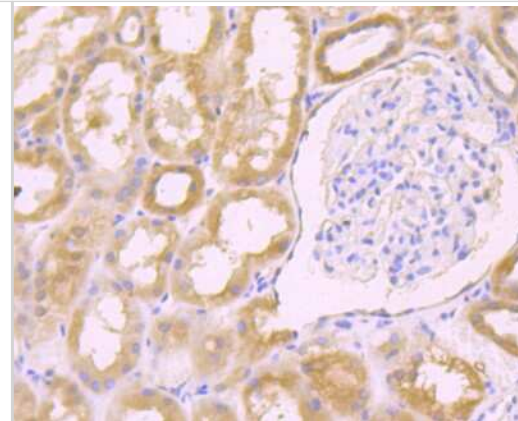
Flow Cytometry: Galectin-8 Antibody (JB85-35) [NBP2-75501] - Analysis of PC-3M cells with Galectin 8 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



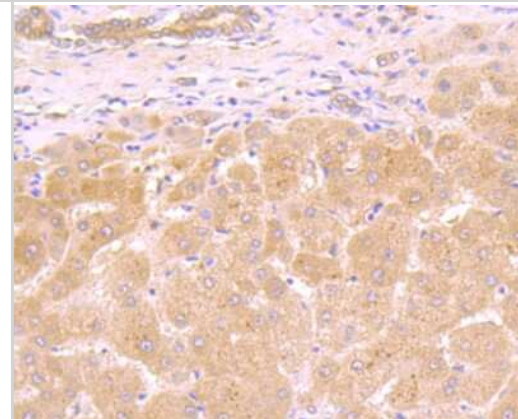
Immunocytochemistry/Immunofluorescence: Galectin-8 Antibody (JB85-35) [NBP2-75501] - Staining Galectin 8 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Galectin-8 Antibody (JB85-35) [NBP2-75501] - Analysis of paraffin-embedded human kidney tissue using anti-Galectin 8 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Galectin-8 Antibody (JB85-35) [NBP2-75501] - Analysis of paraffin-embedded human liver tissue using anti-Galectin 8 antibody. Counter stained with hematoxylin.



## Publications

Jia X, Knyazeva A, Zhang Y et al. V. cholerae MakA is a cholesterol-binding pore-forming toxin that induces non-canonical autophagy The Journal of cell biology 2022-12-05 [PMID: 36194176] (ICC/IF, Human)

### Details:

Dilution used in ICC/IF 1:400

Roberts JA, Varma VR, An Y Et al. A brain proteomic signature of incipient Alzheimer's disease in young APOE epsilon4 carriers identifies novel drug targets Science advances 2021-11-12 [PMID: 34757788] (WB, Human, Mouse)



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### **Products Related to NBP2-75501**

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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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