

Product Datasheet

Galectin-3 Antibody (JF39-10) NBP2-66857

Unit Size: 100 μ l

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

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NBP2-66857

Galectin-3 Antibody (JF39-10)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JF39-10
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

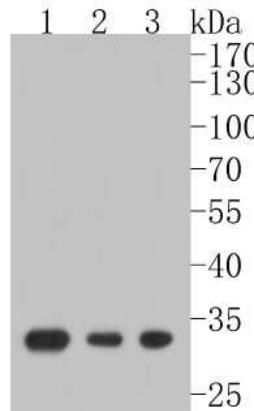
Host	Rabbit
Gene Symbol	LGALS3
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Galectin-3 aa 1-49 / 250. (SwissProt: P17931 Human; SwissProt: P16110 Mouse; SwissProt: P08699 Rat)

Product Application Details

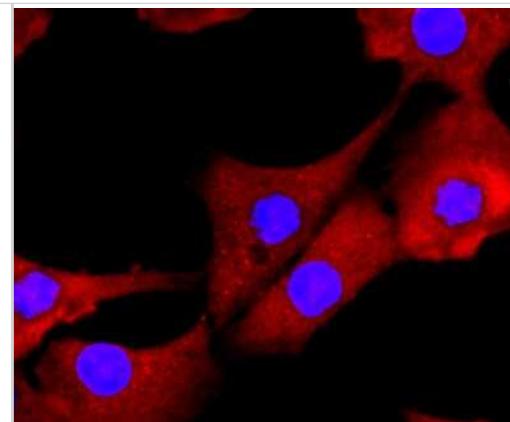
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen

Images

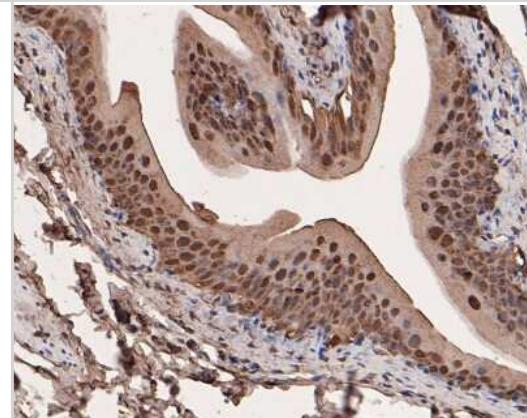
Western Blot: Galectin-3 Antibody (JF39-10) [NBP2-66857] - Western blot analysis of Galectin-3 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: NIH/3T3 cell lysate Lane 2: Hela cell lysate Lane 3: THP-1 cell lysate



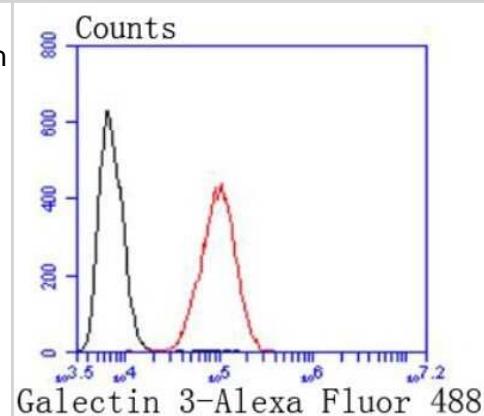
Immunocytochemistry/Immunofluorescence: Galectin-3 Antibody (JF39-10) [NBP2-66857] - Staining Galectin 3 in NIH/3T3 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



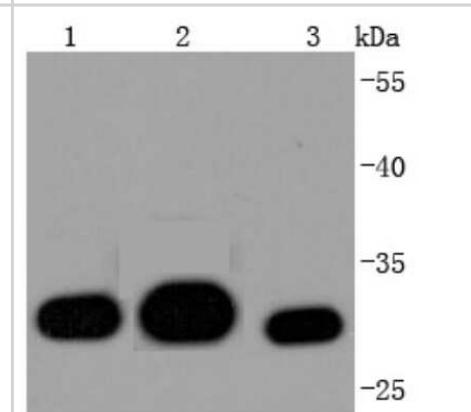
Immunohistochemistry-Paraffin: Galectin-3 Antibody (JF39-10) [NBP2-66857] - Analysis of paraffin-embedded rat bladder tissue with Rabbit anti-Galectin 3 antibody washed with ddH2O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



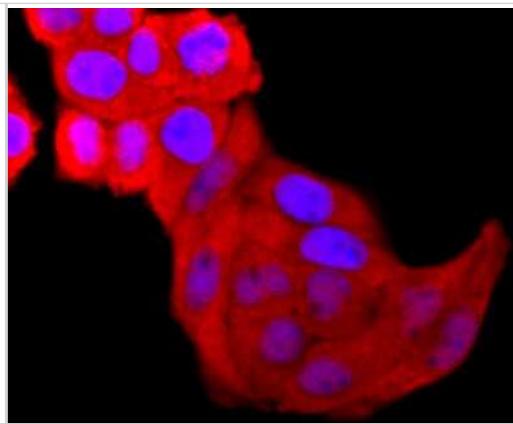
Flow Cytometry: Galectin-3 Antibody (JF39-10) [NBP2-66857] - Analysis of Hela cells with Galectin 3 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



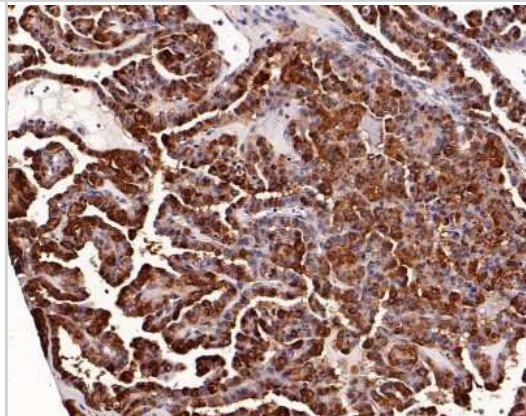
Western Blot: Galectin-3 Antibody (JF39-10) [NBP2-66857] - Analysis of Galectin 3 on different lysates using anti-Galectin 3 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: NIH/3T3 Lane 3: THP-1



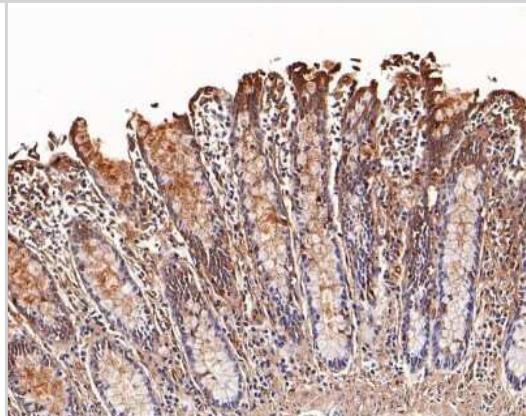
Immunocytochemistry/Immunofluorescence: Galectin-3 Antibody (JF39-10) [NBP2-66857] - Staining Galectin 3 in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Galectin-3 Antibody (JF39-10) [NBP2-66857] - Analysis of paraffin-embedded human thyroid carcinoma tissue with Rabbit anti-Galectin-3 antibody washed with ddH2O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Galectin-3 Antibody (JF39-10) [NBP2-66857] - Analysis of paraffin-embedded human colon tissue with Rabbit anti-Galectin 3 (1/1,000) antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Limitations

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