

Product Datasheet

Galectin-3 Antibody (M3/38) - BSA Free NBP1-43313-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-43313-0.1mg

Galectin-3 Antibody (M3/38) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	M3/38
Preservative	0.09% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

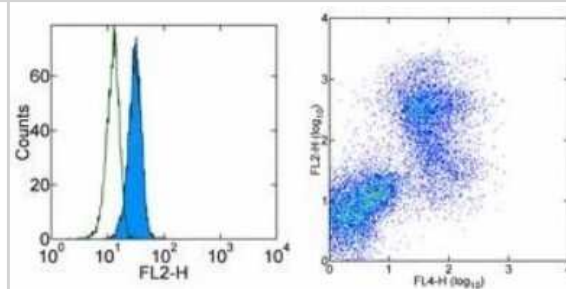
Product Description	
Description	Novus Biologicals Rat Galectin-3 Antibody (M3/38) - BSA Free (NBP1-43313) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and IP. Anti-Galectin-3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	3958
Gene Symbol	LGALS3
Species	Mouse
Immunogen	The immunogen for this antibody was Galectin3 Mac2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Flow (Intracellular)
Application Notes	This M3/38 antibody has been tested by flow cytometric analysis of mouse PECs (thioglycollated elicited peritoneal cells). This can be used at less than or equal to 0.25 ug per test. Cell number should be determined empirically but can range from 10 ⁵ to 10 ⁸ cells/test.

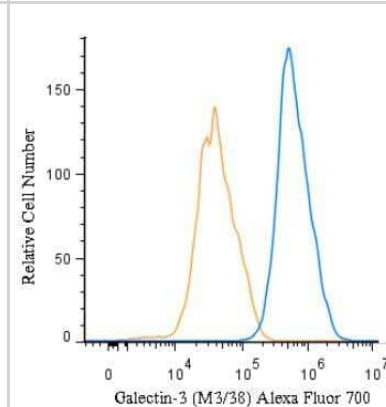


Images

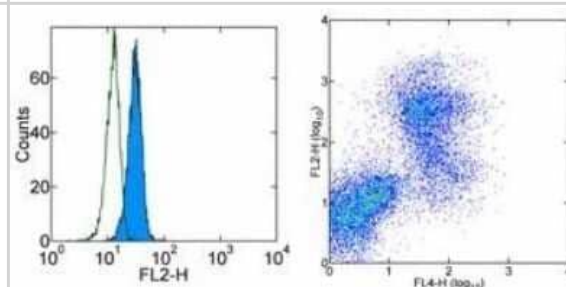
Flow (Intracellular): Galectin-3 Antibody (M3/38) [NBP1-43313] - Intracellular staining of the monocyte population in normal human peripheral blood cells (right) or C57BL/6 mouse bone marrow cells (left) with Anti-Mouse CD11b APC and 0.125 ug of Anti-Human/Mouse Galectin-3 Biotin followed by Streptavidin PE. Total viable cells were used for analysis.. Using the Biotin format of this antibody.



Flow (Intracellular): Galectin-3 Antibody (M3/38) [NBP1-43313] - An intracellular stain was performed on RAW 246.7 cells with Galectin-3 Antibody (M3/38) NBP1-43313AF700 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 700.



Flow (Intracellular): Galectin-3 Antibody (M3/38) [NBP1-43313] - Intracellular staining of the monocyte population in normal human peripheral blood cells (right) or C57BL/6 mouse bone marrow cells (left) with Anti-Mouse CD11b APC and 0.125 ug of Anti-Human/Mouse Galectin-3 Biotin followed by Streptavidin PE. Total viable cells were used for analysis. Image using the Biotin format of this antibody.



Publications

Nora Mellouk, Arthur Lensen, Noelia Lopez-Montero, Magdalena Gil, Camila Valenzuela, Kerstin Klinkert, Gael Moneron, Léa Swistak, David DiGregorio, Arnaud Echard, Jost Enninga Post-translational targeting of Rab35 by the effector IcsB of Shigella determines intracellular bacterial niche formation. Cell reports 2024-04-01 [PMID: 38568808]

Cox AR, Masschelin PM, Saha PK et al. The rheumatoid arthritis drug auranofin lowers leptin levels and exerts antidiabetic effects in obese mice Cell metabolism 2022-10-10 [PMID: 36243005] (WB, 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 NBP1-43313-0.1mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)

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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