

# Product Datasheet

## LAG-3 Antibody (BLR027F)

### NBP2-76402

Unit Size: 100 ul

Store at 2 - 8 C / 1 year from date of receipt

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#### Publications: 2

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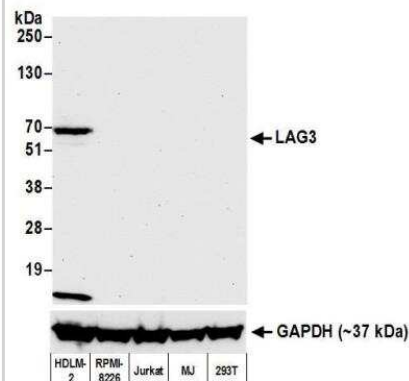


**NBP2-76402****LAG-3 Antibody (BLR027F)**

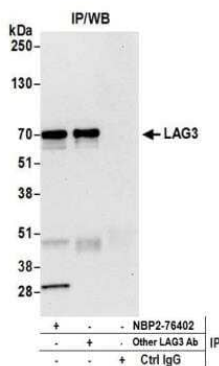
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 2 - 8 C / 1 year from date of receipt
<b>Clonality</b>	Monoclonal
<b>Clone</b>	BLR027F
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA
<b>Target Molecular Weight</b>	57.5 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit LAG-3 Antibody (BLR027F) (NBP2-76402) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, IHC, WB, Flow, ICC/IF and IP. Anti-LAG-3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3902
<b>Gene Symbol</b>	LAG3
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen recognized by this recombinant LAG-3 Antibody (BLR027F) maps to a region between amino acids 500 and 525 (C-Term)
<b>Notes</b>	This Product sold under License from Bethyl Laboratories, Inc.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Multiplex Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, Flow Cytometry Reported in scientific literature (PMID:35761082)., Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 12 ul/0.5 mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500, Multiplex Immunofluorescence 1:250
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

## Images

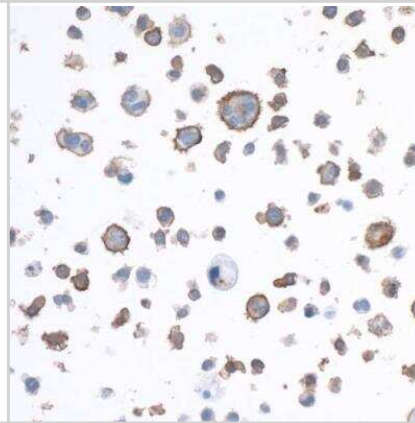
Western Blot: LAG-3 Antibody (BLR027F) [NBP2-76402] - Detection of human LAG3 by WB of HDLM-2, RPMI-8226, Jurkat, MJ, and HEK293T lysate (observed molecular weight of ~ 57 KDa). Antibody: Rabbit anti-LAG3 recombinant monoclonal [BLR027F] (NBP2-76402). Secondary: HRP-conjugated goat anti-rabbit IgG (NB7160). Lower Panel: Rabbit anti-GAPDH (NB300-322).



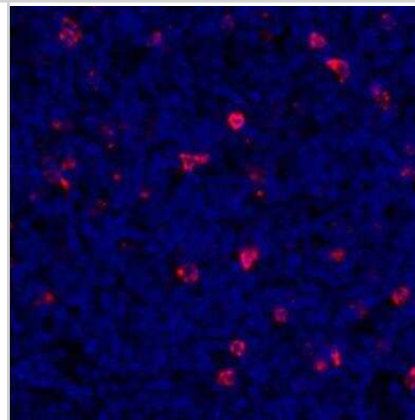
Immunoprecipitation: LAG-3 Antibody (BLR027F) [NBP2-76402] - Detection of human LAG3 by WB of immunoprecipitates from HDLM-2 lysate (observed molecular weight of ~ 57 KDa). Antibodies: Rabbit anti-LAG3 recombinant monoclonal [BLR027F] (NBP2-76402) and another rabbit anti-LAG3 recombinant monoclonal.



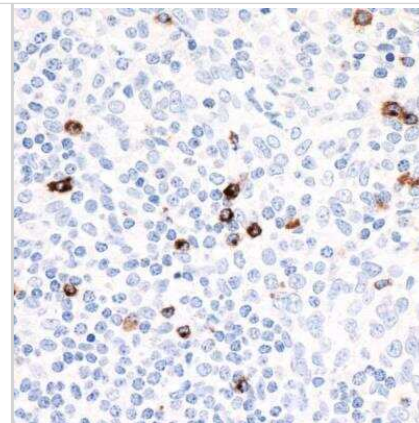
Immunocytochemistry/Immunofluorescence: LAG-3 Antibody (BLR027F) [NBP2-76402] - Detection of human LAG3 in FFPE HDLM-2 cells by ICC. Antibody: Rabbit anti-LAG3 recombinant monoclonal [BLR027F] (NBP2-76402). Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



Immunohistochemistry-Paraffin: LAG-3 Antibody (BLR027F) [NBP2-76402] - Section of human tonsil. Antibody: Rabbit anti-LAG3 recombinant monoclonal antibody [BLR027F] used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: Opal™. Counterstain: DAPI (blue).



Immunohistochemistry-Paraffin: LAG-3 Antibody (BLR027F) [NBP2-76402] - Detection of human LAG3 in FFPE tonsil by IHC. Antibody: Rabbit anti-LAG3 recombinant monoclonal [BLR027F] (NBP2-76402), Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



## Publications

Melo Garcia L, Gangadharan A, Banerjee P, Li Y et al. Overcoming CD226-related immune evasion in acute myeloid leukemia with CD38 CAR-engineered NK cells Cell Rep 2025-01-04 [PMID: 39754720]

Ming Q, Celas DP, Wu C et al. LAG3 ectodomain structure reveals functional interfaces for ligand and antibody recognition Nature immunology 2022-07-01 [PMID: 35761082] (FLOW, ICC/IF, Human)



### **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 NBP2-76402**

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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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