

# 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: 1

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**NBP2-76402**

LAG-3 Antibody (BLR027F)

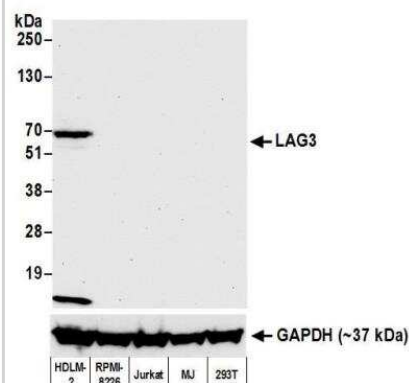
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 2 - 8 C / 1 year from date of receipt
Clonality	Monoclonal
Clone	BLR027F
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA
Target Molecular Weight	57.5 kDa

Product Description	
Host	Rabbit
Gene ID	3902
Gene Symbol	LAG3
Species	Human
Immunogen	The immunogen recognized by this recombinant LAG-3 Antibody (BLR027F) maps to a region between amino acids 500 and 525 (C-Term)
Notes	This Product sold under License from Bethyl Laboratories, Inc.

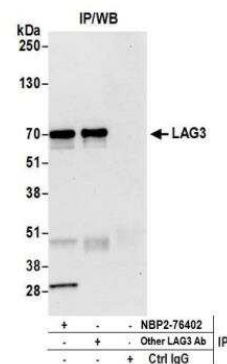
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry Reported in scientific literature (PMID:35761082), Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 12 ul/0.5 mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

**Images**

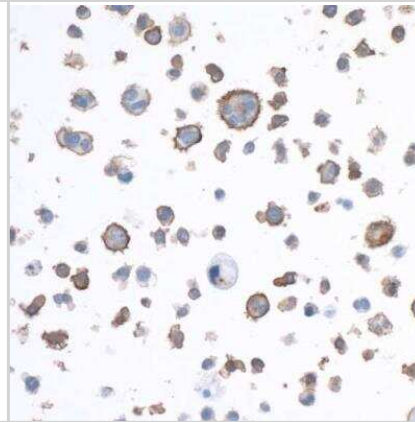
Western Blot: LAG-3 Antibody (BLR027F) [NBP2-76402] - Detection of human LAG3 by WB of HDLM-2, RPMI-8226, Jurkat, MJ, and HEK293T lysate (observed molecular weight of ~ 57 KDa). Antibody: Rabbit anti-LAG3 recombinant monoclonal [BLR027F] (NBP2-76402). Secondary: HRP-conjugated goat anti-rabbit IgG (NB7160).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



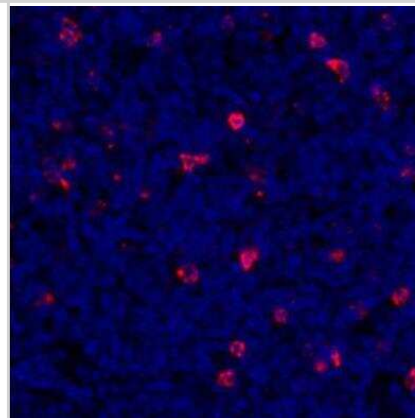
Immunoprecipitation: LAG-3 Antibody (BLR027F) [NBP2-76402] - Detection of human LAG3 by WB of immunoprecipitates from HDLM-2 lysate (observed molecular weight of ~ 57 KDa). Antibodies: Rabbit anti-LAG3 recombinant monoclonal [BLR027F] (NBP2-76402) and another rabbit anti-LAG3 recombinant monoclonal.



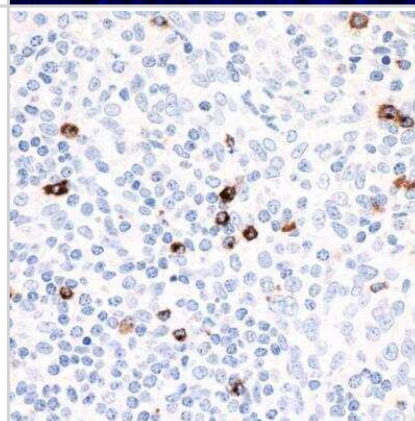
Immunocytochemistry/Immunofluorescence: LAG-3 Antibody (BLR027F) [NBP2-76402] - Detection of human LAG3 in FFPE HDLM-2 cells by ICC. Antibody: Rabbit anti-LAG3 recombinant monoclonal [BLR027F] (NBP2-76402). Secondary: HRP-conjugated goat anti-rabbit IgG. Substate: DAB.



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. Substate: DAB.



## Publications

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)



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### Products Related to NBP2-76402

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-85781PEP	LAG-3 Recombinant Protein Antigen

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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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