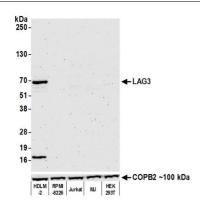
LAG3 Recombinant Monoclonal Antibody [BLR027F]

Rabbit Recom	binant M					
Purified			otein ID	NP_002277.4) - <u>></u> /	
Catalog No. A700–027			nelD	3902	BETHYL	
Lot No.	A700-0)27-2			LABORATORIES, INC	
APPLICATIONS		WB, IP, IHC, ICC, IHC–IF, mIF				
SPECIES REACTIVITY		Human				
AMOUNT		100 µl (50+ tests)				
CONCENTRATION		500 µg/ml				
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt				
PHYSICAL STATE		Liquid				
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide				
ISOTYPE		IgG				
CLONE #		BLR027F				
ORIGIN		USA				
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.				
		Immunogen was a peptide representing a region between residue 500 to 525 of human lymphocyte activation gene 3 protein (LAG3) using the numbering given in entry NP_002277.4 (GeneID 3902).				
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.				
		Western Blot	1:1	000		
		Immunoprecipitatio	on 12	µl/0.5 mg lysate		
		Immunohistochem		00 to 1:500. Epitope retrieva ommended for FFPE tissue so		
		Immunocytochemis		00 to 1:500. Epitope retrieva ommended for FFPE cell sect		
		Immunofluorescen (IHC)		00 to 1:500. Epitope retrieva ommended for FFPE tissue se		
		Multiplex Immunofluorescen	1:2 ce	50		
		Head and Neck Squa 8226 Cells	d and Neck Squamous Cell Carcinoma, Kidney, Lung Carcinoma, Tonsil, HDLM-2 Cells, RPMI- 6 Cells			
ADDITIONAL INFO		https://www.bethyl.com/product/A700-027 Use the link above to view SDS, a current list of citations, and other product specific information.				

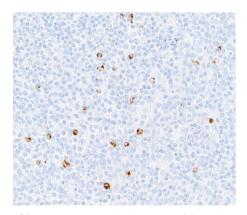
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Brian McWilliams, PhD Date: December 29, 2020

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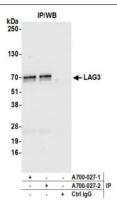
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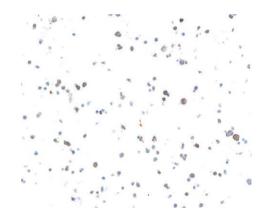
Detection of human LAG3 by western blot. *Samples:* Whole cell lysate (50 µg) from HDLM-2, RPMI-8226, Jurkat, MJ, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-LAG3 recombinant monoclonal antibody [BLR027F] (A700-027 lot 2) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



Detection of human LAG3 in FFPE tonsil by immunohistochemistry. *Antibody:* Rabbit anti-LAG3 recombinant monoclonal antibody [BLR027F] (A700-027 lot 2). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human LAG3 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HDLM-2 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-LAG3 recombinant monoclonal antibody [BLR027F] (A700-027 lot 2) used for IP at 12 µl per reaction. LAG3 was also immunoprecipitated by a previous lot of this antibody (lot A700-027-1). For blotting immunoprecipitated LAG3, A700-027 was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.

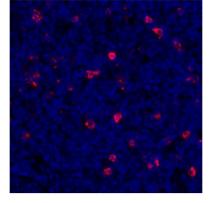


Detection of human LAG3 in FFPE HDLM-2 by immunocytochemistry. *Antibody:* Rabbit anti-LAG3 recombinant monoclonal antibody [BLR027F] (A700-027 lot 2). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



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Detection of human LAG3 (red) by immunohistochemistry. Sample: FFPE section of human tonsil. Antibody: Rabbit anti-LAG3 recombinant monoclonal antibody [BLR027F] (A700-027 lot 1) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P). Substrate: Opal™. Counterstain: DAPI (blue).

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