HLA-DR Monoclonal Antibody [LN3]

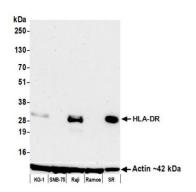


		-		LABORATORIES, INC. LIFE SCIENCES	
Mouse Monocl Purified	onal	PofS	eq ID	NP 061984.2	
Catalog No.	A500-		rot ID	P01903	
Lot No.	2	Gene		3122	
		WB, IHC, ICC, IHC-IF, Flow Cyt			
SPECIES REACTIVITY		Human			
AMOUNT		$10 \ \mu l \ (5+ \text{ tests})$			
CONCENTRATION		50 μg/ml			
STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Phosphate Buffered Saline (PBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		IgG2b			
CLONE #		LN3			
ORIGIN		USA			
PRODUCTION PROCEDURES		The monoclonal antibody was purified from cell culture supernatant.			
		Immunogen was activated human peripheral blood mononuclear cells.			
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	
		Immunohistochemisti		00 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is ommended for FFPE tissue sections.	
		Immunocytochemistry		00 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is ommended for FFPE cell sections.	
		Immunofluorescence (IHC)		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE cell sections.	
		Flow Cytometry		e or cells fixed in 4% formaldehyde and permeabilized with 90% thanol. 0.5 μl per 1 \times 10^6 cells.	
APPLICATION NOTES Validation by		Validation by western	vestern blot was performed using a 4-8% SDS-PAGE.		
IHC HUMAN CONTROLS		Lung Carcinoma TIL, Tonsil, SR Cells			
ADDITIONAL INFO		https://www.fortislife.com/p/A500-022A-T 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. Michael Spencer, PhD Date: May 11, 2023

1

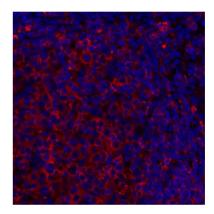
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Detection of human HLA-DR by western blot. Samples: Whole cell lysate (50 µg) from KG-1, SNB-75, Raji, Ramos, and SR (10 µg) cells prepared using NETN lysis buffer. Antibody: Mouse anti-HLA-DR monoclonal antibody [LN3] (A500-022A lot 2) used at 1:1000. Secondary: HRPconjugated goat anti-mouse IgG (A90-116P). Detection: Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057). **Detection of human HLA-DR by immunohistochemistry.** *Sample:* FFPE section of tonsil. *Antibody:* Mouse anti-HLA-DR monoclonal antibody [LN3] (A500-022A-2). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P).

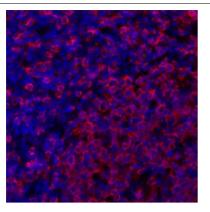


Detection of human HLA-DR by immunocytochemistry. *Sample:* FFPE section of SR cells. *Antibody:* Mouse anti-HLA-DR monoclonal antibody [LN3] (A500-022A-2). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P).



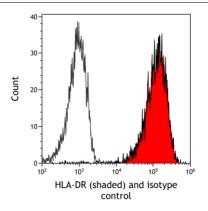
Detection of human HLA-DR by immunhistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Mouse monoclonal anti-HLA-DR antibody [LN3] (A500-022A lot 1) used at 1:100. *Secondary:* DyLight® 594-conjugated goat anti-mouse IgG (A90-116D4).

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Detection of human HLA-DR (red) by

immunohistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Mouse anti-HLA-DR monoclonal antibody [LN3] (A500-022A lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-Mouse IgG (A90-116P). *Substrate:* Opal[™]. *Counterstain:* DAPI (blue).



Detection of human HLA-DR (shaded) in Daudi cells by flow cytometry. *Antibody:* Mouse anti-HLA-DR monoclonal antibody [LN3] (A500-022A) or isotype control (unshaded). *Secondary:* DyLight® 488-conjugated goat anti-mouse IgG (A90-516D2).