HLA-DR Monoclonal Antibody [LN3]

Mouse Monoclonal

Purified

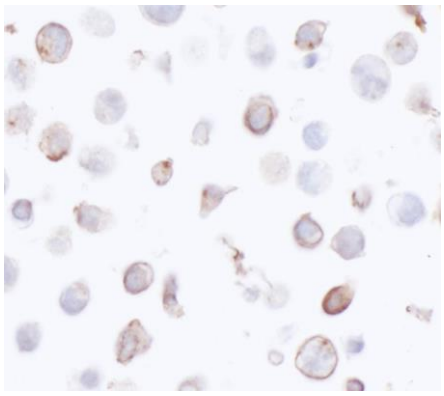
Catalog No.	A500-022A	Protein ID	P01903
Lot No.	A500-022A-1	GeneID	3122

APPLICATIONS	WB, IHC, ICC, IHC-IF
SPECIES REACTIVITY	Human
AMOUNT	100 µl (50+ 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) containing 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.

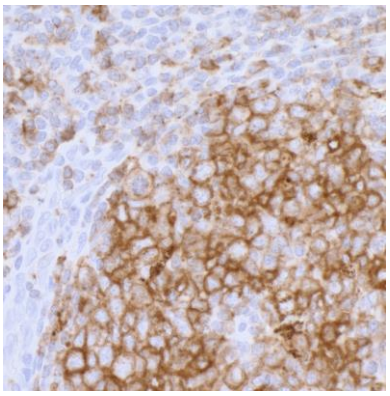
Western Blot	1:1000
Immunohistochemistry	1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.
Immunofluorescence (IHC)	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

APPLICATION NOTES	Validation by western blot was performed using a 4-8% SDS-PAGE.
IHC HUMAN CONTROLS	Lung Carcinoma TIL, Tonsil, SR cells
ADDITIONAL INFO	https://www.bethyl.com/product/A500-022A Use the link above to view SDS, a current list of citations, and other product specific information.

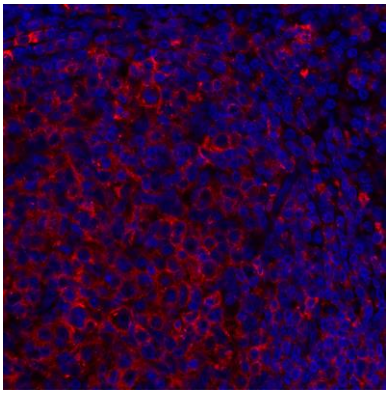
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



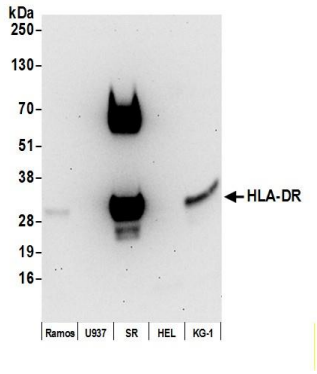
Detection of human HLA-DR by immunocytochemistry. *Sample:* FFPE section of human SR cells. *Antibody:* Mouse monoclonal anti-HLA-DR antibody [LN3] (A500-022A lot 1) used at a dilution of 1:250. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB. *Counterstain:* Hematoxylin (blue).



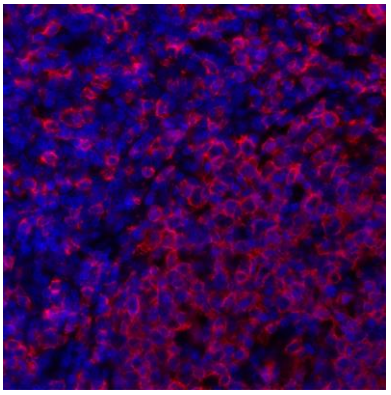
Detection of human HLA-DR by immunohistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Mouse monoclonal anti-HLA-DR antibody [LN3] (A500-022A lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB. *Counterstain:* Hematoxylin (blue).



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).



Detection of human HLA-DR by western blot. *Samples:* Whole cell lysate (50 µg) from Ramos, U937, SR, HEL, and KG-1 cells prepared using NETN lysis buffer. *Antibody:* Mouse anti-HLA-DR monoclonal antibody [LN3] (A500-022A lot 1) used for WB at 1:1000. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). Chemiluminescence with an exposure time of 30 seconds.



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).