

CD74 Monoclonal Antibody, Purified [LN2]

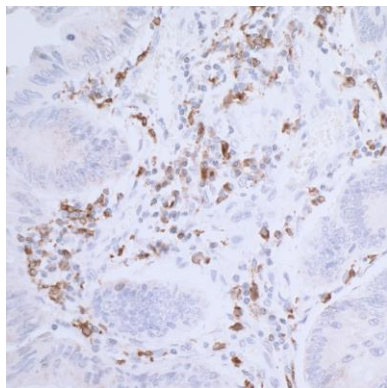
Mouse Monoclonal

Purified Protein ID NP_001020330.1
Catalog No. A500-023A GeneID 972
Lot No. A500-023A-1

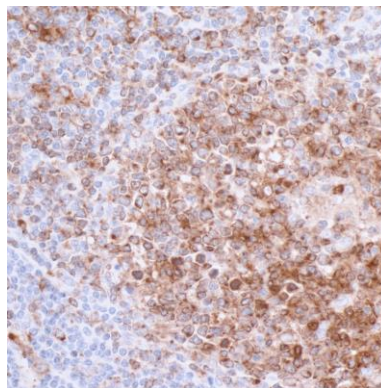


APPLICATIONS	WB, IHC, ICC
SPECIES REACTIVITY	Human
AMOUNT	100 µl (50+ tests)
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
ISOTYPE	IgG1
CLONE #	LN2
ORIGIN	USA
PRODUCTION PROCEDURES	Monoclonal antibody was purified from cell culture supernatant. Immunogen was human SU-DHL-4 lymphoma 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 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
IHC HUMAN CONTROLS	Colon Carcinoma, Lung Carcinoma, Lymph Node, Prostate Carcinoma, Spleen, Daudi Cells, Raji Cells
ADDITIONAL INFO	https://www.bethyl.com/product/A500-023A Use the link above to view SDS, a current list of citations, and other product specific information.

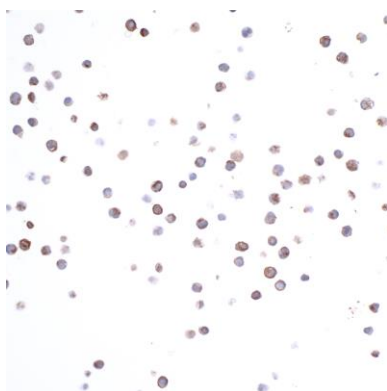
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: July 15, 2019



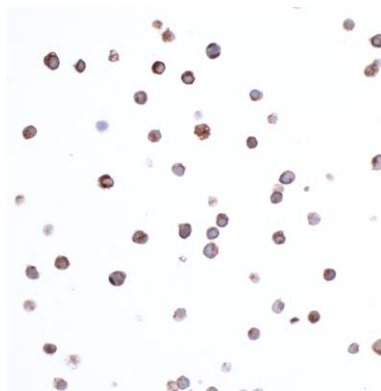
Detection of human CD74 in FFPE colon carcinoma by IHC. *Antibody:* Mouse monoclonal anti-CD74 [LN2] (A500-023A lot 1). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB.



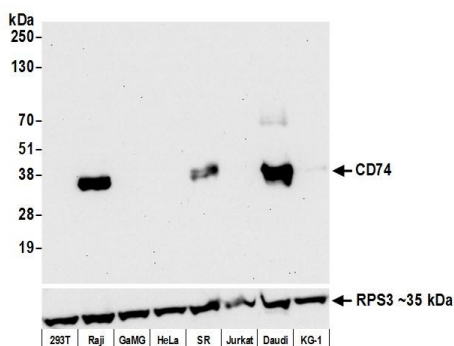
Detection of human CD74 in FFPE lymph node by IHC. *Antibody:* Mouse monoclonal anti-CD74 [LN2] (A500-023A lot 1). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB.



Detection of human CD74 in FFPE Raji cells by ICC. *Antibody:* Mouse monoclonal anti-CD74 [LN2] (A500-023A lot 1). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB.



Detection of human CD74 in FFPE Daudi cells by ICC. *Antibody:* Mouse monoclonal anti-CD74 [LN2] (A500-023A lot 1). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB.

**Detection of human CD74 by western blot. *Samples:***

Whole cell lysate (50 µg) from HEK293T, Raji, GaMG, HeLa, SR, Jurkat, Daudi, and KG-1 cells prepared using NETN lysis buffer. *Antibody:* Mouse anti-CD74 monoclonal antibody [LN2] (A500-023A lot 1) used at 1:1000.

Secondary: HRP-conjugated goat anti-mouse IgG (A90-116P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-RPS3 (A303-840A).