CD8 alpha Monoclonal Antibody [C8/144B]



Mouse Monoclonal					
Purified		RefSe	q ID	NP_001759.3	
Catalog No. A500-021A-T		021A-T Unipi	ot ID	P01732	
Lot No.	3	Gene	ID	925	
APPLICATIONS		IHC, IHC–IF, Flow Cyt			
SPECIES REACTIVITY		Human			
AMOUNT		10 µl (5+ tests)			
CONCENTRATION		250 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		IgG1			
CLONE #		C8/144B			
ORIGIN		USA			
PRODUCTION PROCEDURES		The antibody was purified from cell culture supernatant.			
INCOLDORED		Immunogen was a 13 amino acid synthetic peptide from the C-terminal cytoplasmic domain of alpha chain of human CD8 molecule.			
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.			
		Immunohistochemistr		00 – 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is ommended for FFPE tissue sections.	
		Immunofluorescence (IHC)		00 to 1:500. Epitope retrieval with Tris-EDTA pH9.0 is ommended for FFPE tissue sections.	
		Flow Cytometry		ed in 4% formaldehyde and permeabilized with 50% methanol. 2.5 per 1 x 10^6 cells.	
IHC HUMAN CONTROLS		Hodgkin Lymphoma, Metastatic Lymph Node, Tonsil, Tumor-infiltrating Lymphocytes			
ADDITIONAL INFO		https://www.fortislife.com/p/A500-021A-T			

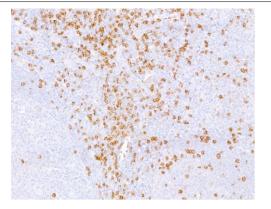
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: June 8, 2023

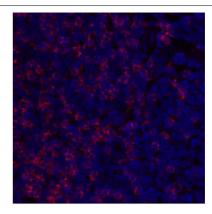
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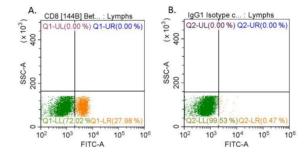
A500-021A-T



Detection of human CD8a by immunohistochemistry. *Sample:* FFPE section of tonsil. *Antibody:* Mouse anti-CD8a monoclonal antibody [C8/144B] (A500-021A-3). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P).



Detection of human CD8 alpha by immunhistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Mouse monoclonal anti-CD8 alpha antibody [C8/144B] (A500-021A lot 1) used at 1:100. *Secondary:* DyLight[®] 594-conjugated goat anti-mouse IgG (A90-116D4).



Detection of human CD8 alpha (left) in human whole blood by flow cytometry. *Antibody:* Mouse anti-CD8 alpha monoclonal antibody [C8/144B] (A500-021A) or isotype control (right). *Secondary:* DyLight® 488- conjugated goat anti-mouse IgG (A90-116D2). Analysis performed on lymphocyte gated population.

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