## CD8 alpha Recombinant Monoclonal Antibody [BLR044F]

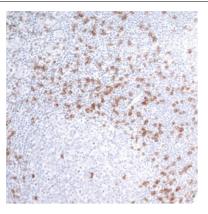
Rabbit Recombinant Monoclonal							
Purified		Protein ID	NP_001759.3				
Catalog No. A700-044-T		GenelD	925		RETUVI		
Lot No.	A700-0	044-T-1				LABORATORIES, INC	
APPLICATIONS		WB, IHC, IHC-IF, mIF					
SPECIES REACTIVITY		Human					
AMOUNT		10 µl (5+ tests)					
CONCENTRATION		250 μg/ml					
STORAGE/SHELF 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		IgG					
CLONE #		BLR044F					
ORIGIN		USA					
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.					
FROCEDURES		Immunogen was a peptide representing a region between residue 185 and the C-terminus (residue 235) of human T-cell surface glycoprotein CD8 alpha chain using the numbering given in entry NP_001759.3 (Gene ID 925)					
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			
		Immunohistoc		100 to 1:500. Epitope retr commended for FFPE tissu	). Epitope retrieval with citrate buffer pH6.0 is for FFPE tissue sections.		
		Immunofluores (IHC)		100 to 1:500. Epitope retr commended for FFPE cell	. Epitope retrieval with citrate buffer pH6.0 is for FFPE cell sections.		
		Multiplex Immunofluores		250			
IHC HUMAN CONTROLS		Melanoma, Tonsil					
ADDITIONAL INFO		https://www.bethyl.com/product/A700-044-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. Eric McIntush, PhD | Chief Scientific Officer Date: June 25, 2019

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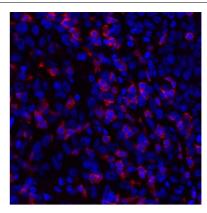
## CD8 alpha Recombinant Monoclonal Antibody [BLR044F]

A700-044-T

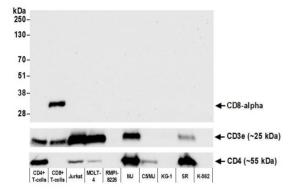


## Detection of human CD8 alpha by

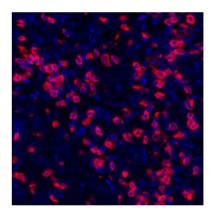
immunohistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Rabbit anti-CD8 alpha recombinant monoclonal antibody [BLR044F] (A700-044-T lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human CD8 alpha by immunhistochemistry. Sample: FFPE section of human melanoma. Antibody: Rabbit anti-CD8 alpha recombinant monoclonal antibody [BLR044F] (A700-044-T lot 1) used at 1:100. Secondary: DyLight<sup>®</sup> 594-conjugated goat anti-rabbit IgG (A120-101D4).



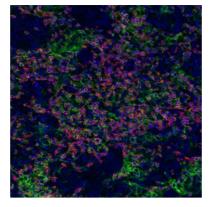
Detection of human CD8 alpha by western blot. *Samples:* Whole cell lysate (50 µg) from CD4+ T-cells, CD8+ T-cells, Jurkat, MOLT-4, RPMI-8226, MJ, C5/MJ, KG-1, SR, and K-562 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD8 alpha recombinant monoclonal antibody [BLR044F] (A700-044-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower panel: Recombinant monoclonal antibodies to CD3e (A700-016) and CD4 (A700-015).



Detection of human CD8 alpha (red) by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Rabbit anti-CD8 alpha recombinant monoclonal antibody [BLR044F] (A700-044-T lot 1) used at 1:250. *Secondary:* HRP-conjugated goat antirabbit IgG (A120-501P). *Substrate:* Opal<sup>™</sup>. *Counterstain:* DAPI (blue).

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Detection of human CD3E (orange), CD8 alpha (red), and PD-L1 (green) in FFPE breast carcinoma by IHC-IF. Rabbit anti-CD3E recombinant monoclonal [BL-298-5D12] (A700-016), rabbit anti-CD8 alpha recombinant monoclonal [BLR044F] (A700-044), rabbit anti-PD-L1 recombinant monoclonal [BLR020E] (A700-020). Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P). Substrate: Opal<sup>™</sup> 520, 620, and 690. Counterstain: DAPI (blue).