CD3E Monoclonal Antibody [BLR174J]

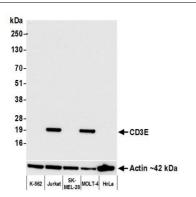


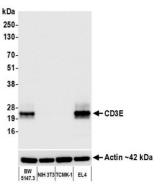
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Rabbit Recom					
Purified Catalog No. A700–174–T		Prote		NP_031674.1	
Catalog No. Lot No.		174–T Genel 174–T–1	D	12501	
APPLICATIONS		WB, IP, IHC, ICC, F			
SPECIES REACTIVITY		Human, Mouse			
AMOUNT		10 µl (5+ tests)			
CONCENTRATION		500 µg/ml			
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 #		BLR174J			
ORIGIN		USA			
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
			T-ce	epresenting a region between residue 139 and the C-terminus Il surface glycoprotein CD3 epsilon using the numbering given ID 12501).	
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	1,000	
		Immunoprecipitation	12	μl/1 mg lysate	
		Immunohistochemistr		100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is commended for FFPE tissue sections.	
		Immunocytochemistry		100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is commended for FFPE cell sections.	
		Flow Cytometry		ked in 4% formaldehyde and permeabilized with 90% methanol. 1 μl r 1 x 10^6 cells.	
IHC HUMAN CONTROLS Breast Carcinoma		Breast Carcinoma, Skin	Squai	mous Cell Carcinoma, Spleen, Tonsil, Jurkat Cells, MOLT-4 Cells	
IHC MOUSE CONTROLS		Spleen, Thymus, CTLL-2 Cells			
ADDITIONAL INFO		https://www.bethyl.com/product/A700-174-T Use the link above to view SDS, a current list of citations, and other product specific information.			

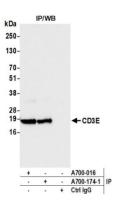
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: September 21, 2021

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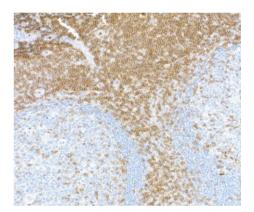
Detection of human CD3E by western blot. Samples: Whole cell lysate (10 µg) from K-562, Jurkat, SK-MEL-28, MOLT-4, and HeLa cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD3E recombinant monoclonal antibody [BLR174J] (A700-174-T lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human CD3E by western blot of

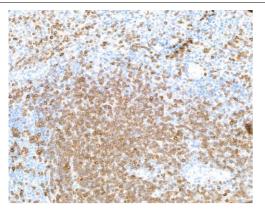
immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-CD3E recombinant monoclonal antibody [BLR174J] (A700-174-T lot 1) used for IP at 12 μ l/mg lysate. CD3E was also immunoprecipitated by a second antibody against a different epitope of CD3E (A700-016). For blotting immunoprecipitated CD3E, A700-174-T was used at 1:1000. Chemiluminescence with an exposure time of 1 second.

Detection of mouse CD3E by western blot. *Samples:* Whole cell lysate (10 µg) from BW5147.3, NIH 3T3, TCMK-1, and EL4 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD3E recombinant monoclonal antibody [BLR174J] (A700-174-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 1 second. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).

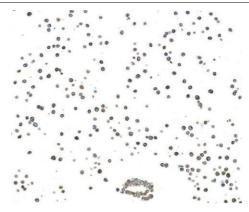


Detection of human CD3E in FFPE tonsil by IHC. *Antibody:* Rabbit anti-CD3E recombinant monoclonal antibody [BLR174J] (A700-174-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

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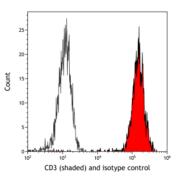
Detection of mouse CD3E in FFPE mouse spleen by IHC. *Antibody:* Rabbit anti-CD3E recombinant monoclonal antibody [BLR174J] (A700-174-T lot 1). *Secondary:* HRPconjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human CD3E in FFPE MOLT-4 cells by ICC. *Antibody:* Rabbit anti-CD3E recombinant monoclonal antibody [BLR174J] (A700-174-T lot 1). *Secondary:* HRPconjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of mouse CD3E in FFPE mouse CTLL-2 cells by ICC. *Antibody:* Rabbit anti-CD3E recombinant monoclonal antibody [BLR174J] (A700-174-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human CD3 (shaded) in Jurkat cells by flow cytometry. *Antibody:* Rabbit anti-CD3E recombinant monoclonal antibody [BLR174J] (A700-174-T lot 1) or isotype control (unshaded). *Secondary:* DyLight® 488-conjugated goat anti-rabbit IgG (A120-101D2).

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