## CD3E Recombinant Monoclonal Antibody [BL-298-5D12]



Rabbit Recombinant Monoclonal

Rabbit Recombinant Monoclonal					
Purified		RefS	eq ID	NP_000724.1	
Catalog No. A700–016		016 Unip	orot ID	P07766	
Lot No.	3	Gen	elD	916	
APPLICATIONS		WB, IP, IHC, IHC–IF, Flow Cyt, mIF			
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		Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		IgG			
CLONE #		BL-298-5D12			
ORIGIN		USA			
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
INCLUCIONES		Immunogen was a synthetic peptide representing a region of CD3E and maps to a region between residues 157 to 207 of human CD3e Molecule, Epsilon (CD3–TCR Complex) according to the numbering given in entry NP_000724.1 (GeneID 916).			
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		000	
		Immunoprecipitation		$\mu$ /mg lysate	
		Immunohistochemist		00 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is ommended for FFPE tissue sections.	
		Immunofluorescence (IHC)		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE cell sections.	
		Flow Cytometry		ed in 4% formaldehyde and permeabilized with 90% methanol. 1 $\mu$ l $^{\circ}$ 1 x 10^6 cells.	
		Multiplex Immunofluorescence	1:2	50	
APPLICATION NOTES		All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.			
		Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P).			
IHC HUMAN CONTROL		Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer. Appendix, Metastatic Lymph Node, Tonsil, Jurkat Cells, MOLT-4 Cells			
ADDITIONAL IN	IFO	https://www.fortislife.com/p/A700-016 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: August 30, 2024

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.