

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

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_000724.1
Catalog No.	A700-016	Uniprot ID	P07766
Lot No.	3	GeneID	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	<p>Recombinant antibody was purified from cell culture supernatant.</p> <p>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).</p>												
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:1000</td></tr><tr><td>Immunoprecipitation</td><td>20 µl/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr><tr><td>Immunofluorescence (IHC)</td><td>1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.</td></tr><tr><td>Flow Cytometry</td><td>Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10⁶ cells.</td></tr><tr><td>Multiplex Immunofluorescence</td><td>1:250</td></tr></table>	Western Blot	1:1000	Immunoprecipitation	20 µl/mg lysate	Immunohistochemistry	1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.	Immunofluorescence (IHC)	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.	Flow Cytometry	Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10 ⁶ cells.	Multiplex Immunofluorescence	1:250
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APPLICATION NOTES	<p>All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.</p> <p>Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P).</p> <p>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.</p>												
IHC HUMAN CONTROLS	Appendix, Metastatic Lymph Node, Tonsil, Jurkat Cells, MOLT-4 Cells												
ADDITIONAL INFO	<p>https://www.fortislife.com/p/A700-016</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>												

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