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

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_000724.1
Catalog No.	A700-016-T	Uniprot ID	P07766
Lot No.	3	GeneID	916

APPLICATIONS WB, IP, IHC, IHC-IF, Flow Cyt, mIF

SPECIES REACTIVITY Human

AMOUNT 20 µl

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.

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	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

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).

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.

IHC HUMAN CONTROLS Appendix, Metastatic Lymph Node, Tonsil, Jurkat Cells, MOLT-4 Cells

ADDITIONAL INFO Please visit our website for additional product 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

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