

CD3E Monoclonal Antibody [UCHT1]

Mouse Monoclonal

Purified	Protein ID	NP_000724.1
Catalog No. A500-033A	GeneID	916
Lot No. A500-033A-1		

APPLICATIONS	WB, F
SPECIES REACTIVITY	Human
AMOUNT	100 µl (10 blots)
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
ISOTYPE	IgG1
CLONE #	UCHT1
ORIGIN	USA

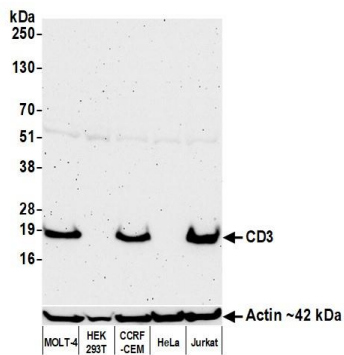
PRODUCTION PROCEDURES Monoclonal antibody was purified from cell culture supernatant.
Immunogen was human infant thymocytes and Sezary cells.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

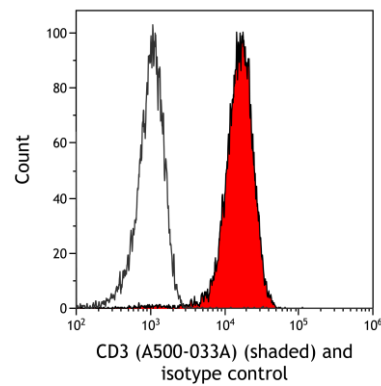
Western Blot	1:1,000
Flow Cytometry	Live or cells fixed in 4% formaldehyde and permeabilized with 90% methanol. 0.5 µl per 1 x 10 ⁶ cells.

ADDITIONAL INFO <https://www.fortislife.com/p/A500-033A>
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: June 30, 2022



Detection of human CD3E by western blot. *Samples:* Whole cell lysate (50 μ g) from MOLT-4, HEK293T, CCRF-CEM, HeLa, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Mouse anti-CD3E monoclonal antibody [UCHT1] (A500-033A lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human CD3E (shaded) in Jurkat cells by flow cytometry. *Antibody:* Mouse anti-CD3 recombinant monoclonal antibody [UCHT1] (A500-033A) or isotype control (unshaded). *Secondary:* DyLight[®] 488-conjugated goat anti-mouse IgG (A90-116D2).