

# CD3E Monoclonal Antibody [BLR175J]

Rabbit Recombinant Monoclonal

Purified	Protein ID	NP_031674.1
Catalog No. A700-175	GeneID	12501
Lot No. A700-175-1		

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<b>APPLICATIONS</b>	WB, IP, IHC, ICC, F
<b>SPECIES REACTIVITY</b>	Mouse
<b>AMOUNT</b>	100 µl (50+ tests)
<b>CONCENTRATION</b>	500 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BLR175J
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 139 and the C-terminus (residue 189) of mouse T-cell surface glycoprotein CD3 epsilon using the numbering given in entry NP\_031674.1 (Gene 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.

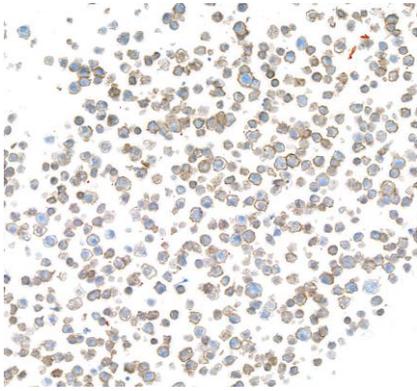
Western Blot	1:1,000
Immunoprecipitation	12 µl/1 mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Flow Cytometry	Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per $1 \times 10^6$ cells.

**IHC MOUSE CONTROLS** Bone Marrow, Gut, Spleen, Thymus, CTLL-2 Cells

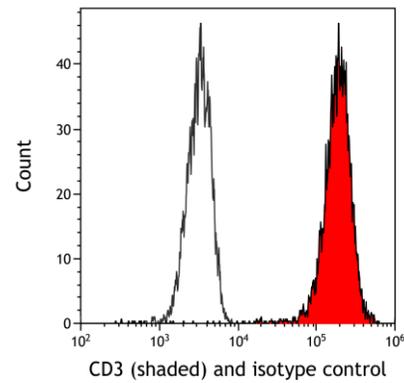
**ADDITIONAL INFO** <https://www.bethyl.com/product/A700-175>  
Use the link above to view SDS, a current list of citations, and other product specific information.

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





**Detection of mouse CD3E in FFPE mouse CTLL-2 cells by ICC.** *Antibody:* Rabbit anti-CD3E recombinant monoclonal antibody [BLR175J] (A700-175 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



**Detection of mouse CD3 (shaded) in EL4 cells by flow cytometry.** *Antibody:* Rabbit anti-CD3E recombinant monoclonal antibody [BLR175J] (A700-175 lot 1) or isotype control (unshaded). *Secondary:* DyLight® 488-conjugated goat anti-rabbit IgG (A120-101D2).