

# Product Datasheet

## CD3 epsilon Antibody (BLR174J) NBP3-14747

Unit Size: 100 ul

Store at 2 - 8 C / 1 year from date of receipt

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Updated 4/2/2026 v.20.1

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**NBP3-14747**

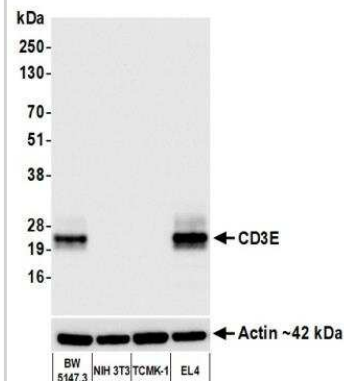
CD3 epsilon Antibody (BLR174J)

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 2 - 8 C / 1 year from date of receipt
<b>Clonality</b>	Monoclonal
<b>Clone</b>	BLR174J
<b>Preservative</b>	0.09% Sodium Azide
<b>Purity</b>	>95%
<b>Buffer</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	916
<b>Gene Symbol</b>	CD3E
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	residues 139 and 189 (C-term)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, COMET
<b>Recommended Dilutions</b>	Western Blot 1:1,000, Flow Cytometry Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl, Immunohistochemistry 1:100 to 1:500, Immunocytochemistry/ Immunofluorescence 1:100 to 1:500, Immunoprecipitation 12 µl/1 mg lysate, Immunohistochemistry-Paraffin 1:100 to 1:500, COMET
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.



## Images

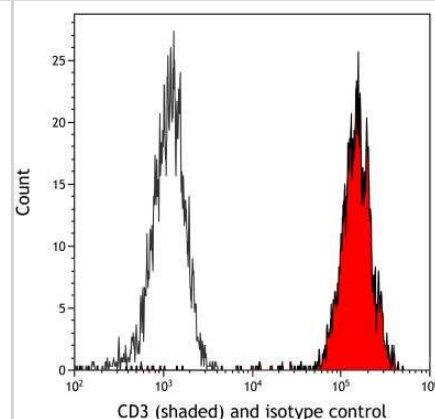
Western Blot: CD3 epsilon Antibody (BLR174J) [NBP3-14747] - Whole cell lysate (10 ug) from BW5147.3, NIH 3T3, TCMK-1, and EL4 cells prepared using NETN lysis buffer. Rabbit anti-CD3E recombinant monoclonal antibody [BLR174J] used at 1:1000.



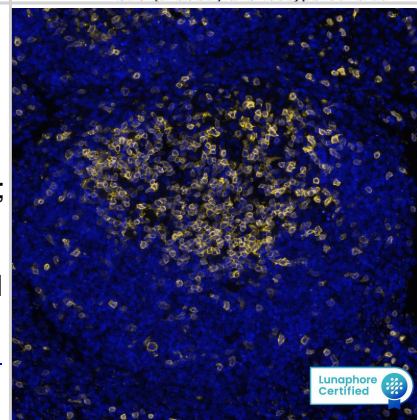
Immunohistochemistry: CD3 epsilon Antibody (BLR174J) [NBP3-14747] - Rabbit anti-CD3E recombinant monoclonal antibody. HRP-conjugated goat anti-rabbit IgG.



Flow Cytometry: CD3 epsilon Antibody (BLR174J) [NBP3-14747] - Rabbit anti-CD3E recombinant monoclonal antibody or isotype control (unshaded).



CD3e was detected in immersion fixed paraffin-embedded sections of mouse Spleen using Rabbit Anti-Human/Mouse CD3e, Monoclonal Antibody (Catalog # NBP3-14747) at 1:4000 at 37° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen retrieval preprocessing using PreTreatment Module (PT Module) and Dewax and HIER Buffer H (pH 9; EpreDia Catalog # TA-999-DHBH). Tissue was stained using the Alexa Fluor™ Plus 555 Goat anti-Rabbit IgG Secondary Antibody at 1:100 at 37 ° Celsius for 2 minutes. (Yellow; Lunaphore Catalog # [DR555RB](#)) and counterstained with DAPI (blue; Lunaphore Catalog # [DR100](#)). Specific staining was localized to the membrane. Protocol available in [COMET™ Panel Builder](#).





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### **Products Related to NBP3-14747**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-22752	Recombinant Human CD3 epsilon His Protein
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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