

Product Datasheet

CD3 zeta Antibody (BL-336-1B2)

NBP2-76399

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-76399

Updated 4/13/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-76399



NBP2-76399

CD3 zeta Antibody (BL-336-1B2)

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 2 - 8 C / 1 year from date of receipt
Clonality	Monoclonal
Clone	BL-336-1B2
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA

Product Description

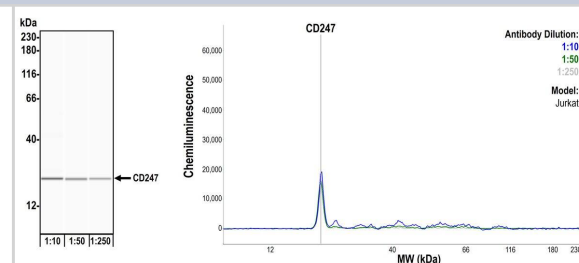
Host	Rabbit
Gene ID	919
Gene Symbol	CD247
Species	Human
Immunogen	Immunogen sequence between amino acids 150-164 (C-Term)
Notes	This Product sold under License from Bethyl Laboratories, Inc.

Product Application Details

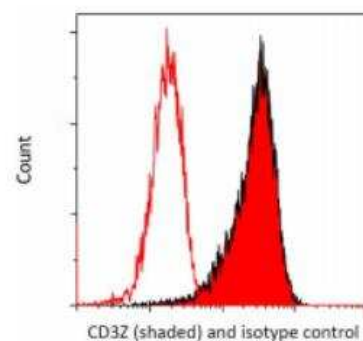
Applications	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Simple Western, Flow Cytometry 0.5 ul per 1 - 10 ⁶ cells, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/Immunofluorescence 1:100 - 1:500, Immunoprecipitation 20 ul/mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500, Multiplex Immunofluorescence
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

Images

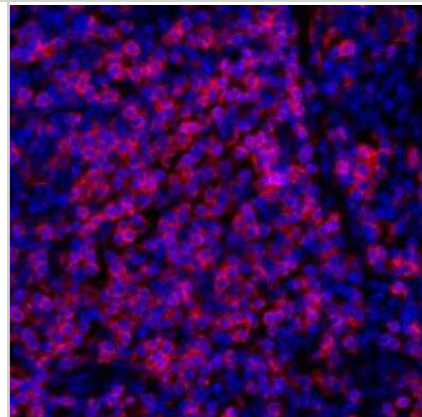
Simple Western: CD3 zeta Antibody (BL-336-1B2) [NBP2-76399] - Detection of human CD247/CD3Z by Simple Western. Samples: Whole cell lysate (2.0 mg/mL) from Jurkat cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD247/CD3Z recombinant monoclonal antibody [BL-336-1B2] (NBP2-76399) used at 1:10, 1:50, 1:250. Separation and Detection: SallySue ProteinSimple instrument with the 12-230 kDa separation module and anti-Rabbit detection module. Left Panel: Virtual Lane View. Right Panel: Electropherogram. Image validated internally.



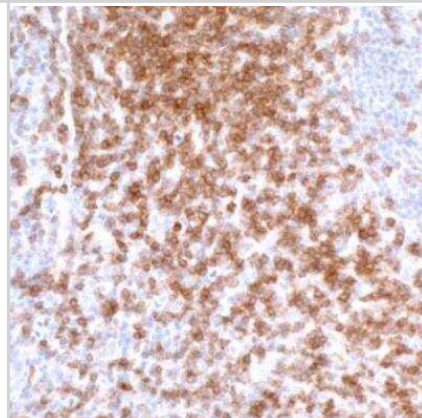
Flow Cytometry: CD3 zeta Antibody (BL-336-1B2) [NBP2-76399] - Jurkat cells were fixed in 4% formaldehyde and permeabilized with 90% methanol. Antibody: 1E6 cells were incubated with 0.5 ul of rabbit anti-CD247/CD3Z recombinant monoclonal antibody [BL-336-1B2] (red shaded) or isotype control (unshaded). Secondary: DyLight® 650-conjugated goat anti-rabbit IgG.



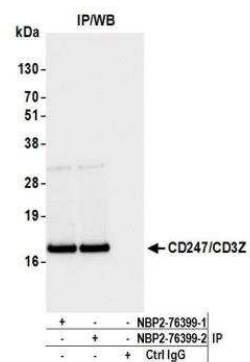
Immunohistochemistry: CD3 zeta Antibody (BL-336-1B2) [NBP2-76399] - Section of human tonsil. Antibody: Rabbit anti-CD247/CD3Z recombinant monoclonal antibody [BL-336-1B2] used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: Opal™. Counterstain: DAPI (blue).



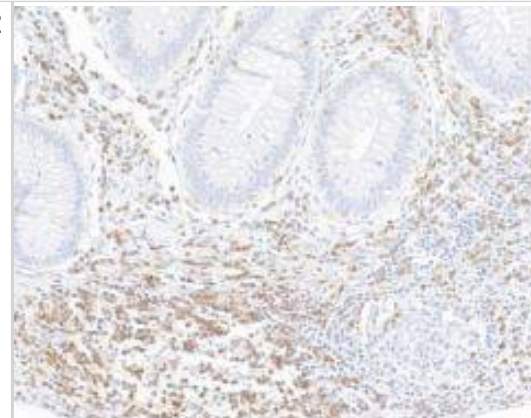
Immunohistochemistry-Paraffin: CD3 zeta Antibody (BL-336-1B2) [NBP2-76399] - Antibody: Rabbit anti-CD247/CD3Z recombinant monoclonal antibody [BL-336-1B2]. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



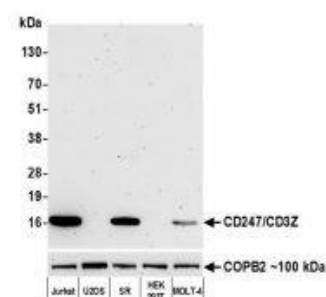
Immunoprecipitation: CD3 zeta Antibody (BL-336-1B2) [NBP2-76399] - Detection of human CD247/CD3Z by WB of immunoprecipitates from Jurkat lysate. Antibodies: Rabbit anti-CD247/CD3Z recombinant monoclonal antibody [BL-336-1B2] (NBP2-76399).



Immunohistochemistry-Paraffin: CD3 zeta Antibody (BL-336-1B2) [NBP2-76399] - Rabbit antiCD247/CD3Z recombinant monoclonal antibody [BL-336-1B2]. (Secondary: HRPconjugated goat anti-rabbit IgG. Substrate: DAB.



Western Blot: CD3 zeta Antibody (BL-336-1B2) [NBP2-76399] - Whole cell lysate (10 ug) from Jurkat, U2OS, SR, HEK293T, and MOLT-4 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD247/CD3Z recombinant monoclonal antibody [BL-336-1B2] used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit antiCOPB2 antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-76399

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-22747	Recombinant Human CD3 zeta His Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-76399

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

