

Product Datasheet

CD3 zeta Antibody (H146-968) - Azide and BSA Free NBP1-44683

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-44683

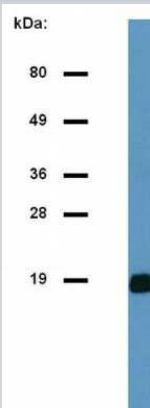
CD3 zeta Antibody (H146-968) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	H146-968
Preservative	No Preservative
Isotype	IgG2 Kappa
Purity	Protein A purified
Buffer	PBS (pH 7.4), 0.2 um filter sterilized
Product Description	
Host	Armenian Hamster
Gene ID	919
Gene Symbol	CD247
Species	Human, Mouse
Specificity/Sensitivity	The Armenian hamster antibody H146-968 reacts with CD3 zeta chain (CD247), which is a component of TCR/CD3 complex expressed on T cells.
Immunogen	Synthetic peptide corresponding to amino acids 151-164 of mouse CD3 zeta.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-5 ug/ml, Immunocytochemistry/Immunofluorescence 4 ug/ml, Immunoprecipitation 1:50, Flow (Intracellular) 1-5 ug/ml, CyTOF-ready
Application Notes	Western blotting: reducing conditions; positive control: MOLT-4 cells, murine splenocytes. This antibody is Cyt of ready.

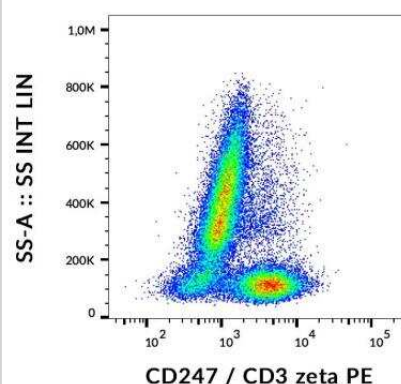


Images

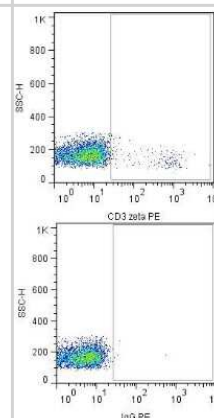
Western Blot: CD3 zeta Antibody (H146-968) - Azide Free [NBP1-44683] - Analysis of CD3 zeta (CD247) in lysate of murine splenocytes (reducing conditions) by the monoclonal antibody H146-968.



Flow Cytometry: CD3 zeta Antibody (H146-968) - Azide Free [NBP1-44683] - Analysis (intracellular staining) of CD3 zeta (CD247) in human peripheral blood using the monoclonal antibody H146-968 PE



Flow Cytometry: CD3 zeta Antibody (H146-968) - Azide Free [NBP1-44683] - Flow Cytometry: CD3 zeta Antibody (H146-968) [PE] [NBP1-44683PE] - A cell surface stain was performed on hPBMCs with CD3 Zeta antibody (H146-968) NBP1-44683 (top image) and a matched isotype control (bottom image). Cells were incubated in an antibody dilution of 1:200 for 20 minutes at room temperature. Both antibodies were conjugated to PE.



Publications

Sugawara S, Hueber B, Woolley G et al. Multiplex interrogation of the NK cell signalome reveals global downregulation of CD16 signaling during lentivirus infection through an IL-18/ADAM17-dependent mechanism PLoS pathogens 2023-09-01 [PMID: 37669308] (FLOW, Human)



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 NBP1-44683

NB120-5738	Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody
NBP1-44683PE	CD3 zeta Antibody (H146-968) [PE]
NBP2-61462-20ug	Recombinant Human CD3 zeta His Protein
285-IF-100	IFN-gamma [Unconjugated]

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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