

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	Phosphate buffered saline (PBS), pH 7.4

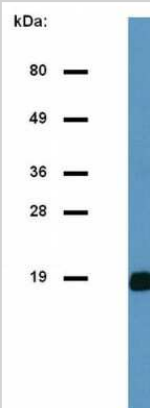
Product Description	
Description	Novus Biologicals Armenian Hamster CD3 zeta Antibody (H146-968) - Azide and BSA Free (NBP1-44683) is a monoclonal antibody validated for use in WB, Flow, ICC/IF and IP. Anti-CD3 zeta Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
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 Cytof ready.

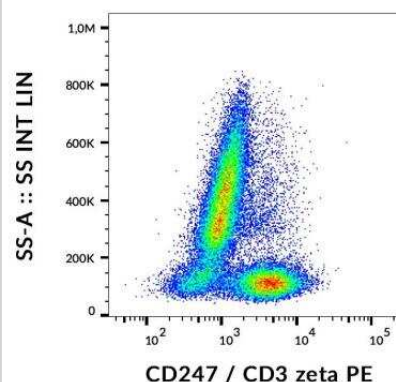


Images

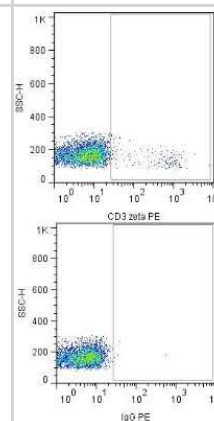
Western Blot: CD3 zeta Antibody (H146-968) - Azide Free [NBP1-44683] - Analysis of CD3 zeta (CD247) in lysate of murine splenocytes (reducing conditions) by the monoclonal antibody H146-968.



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)



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Products Related to NBP1-44683

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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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