

Product Datasheet

CD3 epsilon Antibody (RIV9) - Azide and BSA Free NBP3-11471

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-11471

CD3 epsilon Antibody (RIV9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RIV9
Preservative	No Preservative
Isotype	IgG3 Kappa
Purity	Protein A purified
Buffer	10 mM PBS
Target Molecular Weight	20 kDa

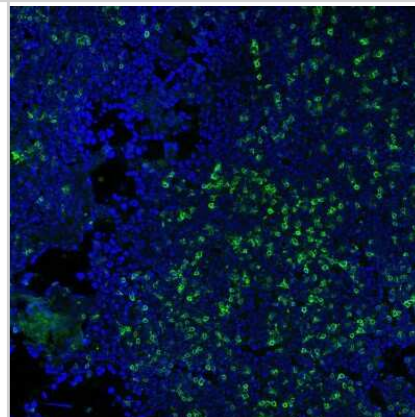
Product Description	
Description	1.0 mg/ml of antibody purified from rabbit anti-serum by Protein A. Prepared in 10mM PBS WITHOUT BSA. Also available at 200 ug/ml WITH BSA & azide (NBP2-44880). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	916
Gene Symbol	CD3E
Species	Human, Mouse, Rat
Marker	T-Cell Marker
Specificity/Sensitivity	Recognizes the epsilon-chain of CD3, which consists of five different polypeptide chains (designated as gamma, delta, epsilon, zeta, and eta) with MW ranging from 16-28kDa. It is found on all mature T-lymphocytes, NK, T-cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation. It is expressed, typically at high levels, on peripheral T cells and majority of T cell neoplasms. Thymocytes express CD3 at different level on the cell surface in the course of differentiation and, in cortical thymus, CD3 is predominantly Intracytoplasmic. This monoclonal antibody is particularly useful for induction of T cell activation in vitro and in vivo due to its unusual IgG3 isotype.
Immunogen	Human peripheral lymphocytes (Uniprot: P07766)

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution for a specific application should be determined.

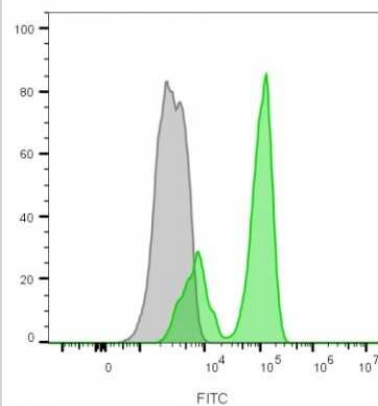


Images

Immunocytochemistry/Immunofluorescence: CD3 epsilon Antibody (RIV9) - Azide and BSA Free [NBP3-11471] - Immunofluorescence Analysis of methanol-fixed human tonsil cryosection stained with CF488A CD3 epsilon antibody (RIV9) (green), mounted in EverBrite Mounting Medium with DAPI (nuclei, blue).



Flow Cytometry: CD3 epsilon Antibody (RIV9) - Azide and BSA Free [NBP3-11471] - Flow cytometry analysis of lymphocyte-gated PBMCs unstained (gray) or stained with CF488A-labeled CD3 epsilon antibody (RIV9) (green)





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Products Related to NBP3-11471

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
NBP2-22752	Recombinant Human CD3 epsilon 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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