

Product Datasheet

CD3 epsilon Antibody (B-B12) NBP2-44879-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44879-0.1mg

CD3 epsilon Antibody (B-B12)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	B-B12
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	20 kDa

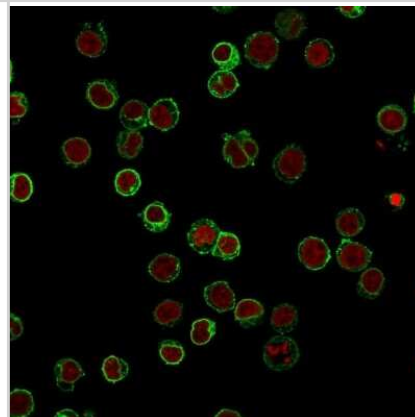
Product Description	
Description	200ug/ml of antibody purified from rabbit anti-serum by Protein A. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0 mg/ml. (NBP3-11505) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	916
Gene Symbol	CD3E
Species	Human
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. CD3 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. The CD3 complex is closely associated at the lymphocyte cell surface with T cell antigen receptor (TCR) and is involved in transducing antigen-recognition signals into cytoplasm of T cells and in regulating the cell surface expression of the TCR complex.
Immunogen	Human T cell leukemia cells

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml
Application Notes	Optimal dilution for a specific application should be determined.

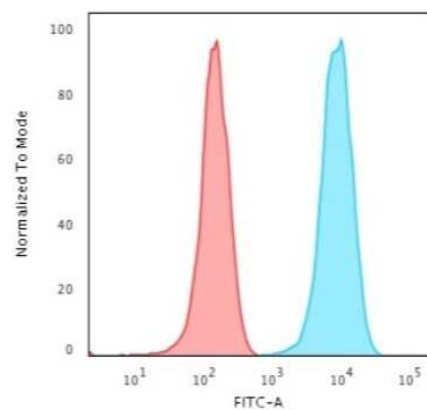


Images

Immunocytochemistry/Immunofluorescence: CD3 epsilon Antibody (B-B12) [NBP2-44879] - Immunofluorescence Analysis of Jurkat cells labeling CD3e with CD3 epsilon Antibody (B-B12) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Red Dot (Red).



Flow Cytometry: CD3 epsilon Antibody (B-B12) [NBP2-44879] - Flow Cytometric Analysis of Jurkat cells. CD3 epsilon antibody (B-B12) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).





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Products Related to NBP2-44879-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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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