Product Datasheet

CD3 epsilon Antibody (CRIS-7) [Alexa Fluor® 700] NBP3-11448AF700

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-11448AF700

CD3 epsilon Antibody (CRIS-7) [Alexa Fluor® 700]

	-		
Product Information			
Unit Size	0.1 ml		
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.		
Storage	Store at 4C in the dark.		
Clonality	Monoclonal		
Clone	CRIS-7		
Preservative	0.05% Sodium Azide		
Isotype	IgG2a Kappa		
Conjugate	Alexa Fluor 700		
Purity	Protein A purified		
Buffer	50mM Sodium Borate		
Product Description			
Host	Mouse		
Gene ID	916		
Gene Symbol	CD3E		
Species	Human, Monkey		
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. The CD3 complex is closely associated at the lymphocyte cell surface with the T cell antigen receptor (TCR). Reportedly, CD3 complex is involved in signal transduction to the T cell interior following antigen recognition. The CD3 antigen is first detectable in early thymocytes and probably represents one of the earliest signs of commitment to the T cell lineage. In cortical thymocytes, CD3 is predominantly intra-cytoplasmic. However, in medullary thymocytes, it appears on the T cell surface. CD3 antigen is a highly specific marker for T cells, and is present in majority of T cell neoplasms.		
Immunogen	Stimulated human leukocytes		



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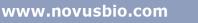
Product Application Details

Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence	
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/Immunofluorescence	
Application Notes	Optimal dilution of this antibody should be experimentally determined.	

Images

CD3 epsilon Antibody (CRIS-7) [Alexa Fluor® 700] [NBP3-11448AF700] - Vial of Alexa Fluor 700 conjugated antibody. Alexa Fluor 700 is optimally excited at 696 nm by the Red laser (633 or 640 nm) and has an emission maximum of 720 nm.

	AlexaFluo	r® 700	
	LASER (nm)	FILTER	
Alexa Fluor ^{© 700}	Red (633,640) 730/45	
	EXCITATION MAX (nm)	EMISSION MAX (nm)	
5	696	720	
AUTION -Research Use Only			







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Products Related to NBP3-11448AF700

NBP2-22752	Recombinant Human CD3 epsilon His Protein
210-TA-005	TNF-alpha [Unconjugated]
9850-CD-050	CD3 epsilon [Unconjugated]
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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