

# Product Datasheet

## CD3 epsilon Antibody (CRIS-7) [Alexa Fluor® 350] NBP3-11448AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11448AF350**

CD3 epsilon Antibody (CRIS-7) [Alexa Fluor® 350]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CRIS-7
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Conjugate</b>	Alexa Fluor 350
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	916
<b>Gene Symbol</b>	CD3E
<b>Species</b>	Human, Monkey
<b>Marker</b>	T-Cell Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Stimulated human leukocytes

**Notes**

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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® 350] [NBP3-11448AF350]  
- Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



Alexa Fluor® 350

LASER (nm)	FILTER
UV (350)	450/45
EXCITATION MAX (nm)	EMISSION MAX (nm)
346	442



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### **Products Related to NBP3-11448AF350**

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NBP1-96981AF350	Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 350]
NBP2-22752	Recombinant Human CD3 epsilon His Protein
210-TA-005	TNF-alpha [Unconjugated]
9850-CD-050	CD3 epsilon [Unconjugated]

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### **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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