

Product Datasheet

CD3 epsilon Antibody (RIV9) [Alexa Fluor® 532] NBP3-11471AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-11471AF532

CD3 epsilon Antibody (RIV9) [Alexa Fluor® 532]

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	RIV9
Preservative	0.05% Sodium Azide
Isotype	IgG3 Kappa
Conjugate	Alexa Fluor 532
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
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)

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 (RIV9) [Alexa Fluor® 532] [NBP3-11471AF532] - Vial of Alexa Fluor 532 conjugated antibody. Alexa Fluor 532 is optimally excited at 532 nm by the Yellow-Green laser (561 nm) and has an emission maximum of 554 nm.



Alexa Fluor® 532

LASER (nm)	FILTER
Y-G (561)	525/50
EXCITATION MAX (nm)	EMISSION MAX (nm)
532	554



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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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