

Datasheet for ABIN4949514

anti-CD3 epsilon antibody (AA 23-119)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	CD3 epsilon (CD3E)
Binding Specificity:	AA 23-119
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD3 epsilon antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 23-119 from human CD3 epsilon chain were used as the immunogen for the CD3e antibody.
Clone:	C3e-1308
Isotype:	IgG2b kappa
Purification:	Protein G affinity chromatography

Target Details

Target:	CD3 epsilon (CD3E)
Alternative Name:	CD3e (CD3E Products)

Target Details

Background:	The CD3 complex mediates signal transduction, resulting in T-cell activation and proliferation. It is required for normal immune responses. This antibody is specific to the epsilon chain of CD3.
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events , Ubiquitin Proteasome Pathway

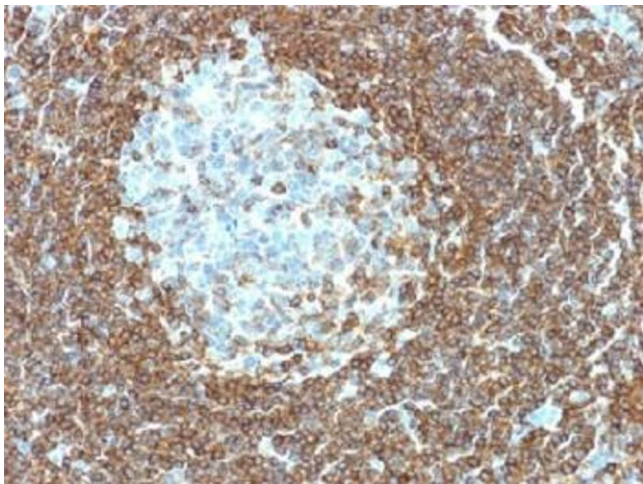
Application Details

Application Notes:	Optimal dilution of the CD3e antibody should be determined by the researcher.\. WB: 1-2 μ g/mL,IHC (FFPE): 1-2 μ g/mL for 30 min at RT,Flow Cytometry: 0.5-1 μ g/million cells in 0.1ml,Immunofluorescence: 1-2 μ g/mL
Restrictions:	For Research Use only

Handling

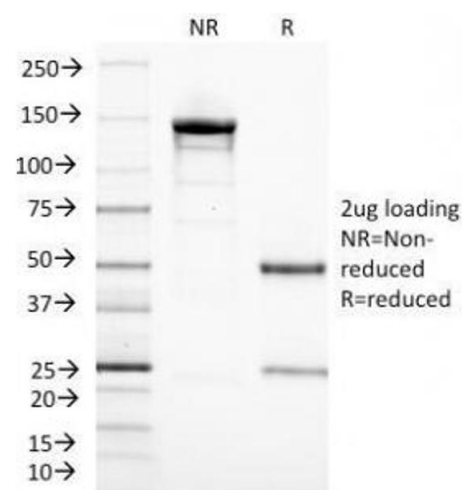
Concentration:	1 mg/mL
Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the CD3e antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

Images



Immunohistochemistry

Image 1. IHC testing of human tonsil tissue with CD3e antibody (clone C3e/1308). Required HIER: boil tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min.



SDS-PAGE

Image 2. SDS-PAGE Analysis of Purified, BSA-Free CD3e Antibody (clone C3e/1308). Confirmation of Integrity and Purity of the Antibody.