

Datasheet for ABIN6941302
anti-CD3 epsilon antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CD3 epsilon (CD3E)
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This CD3 epsilon antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Functional Studies (Func)

Product Details

Immunogen:	H2Kb specific Mouse cytotoxic T lymphocyte clone BM10 37
Clone:	145-2C11
Isotype:	IgG kappa
No Cross-Reactivity:	Human
Purification:	Purified by Protein A/G

Target Details

Target:	CD3 epsilon (CD3E)
Alternative Name:	Cd3e (CD3E Products)
Background:	CD3 chains. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex. The 145-2C11 antibody is useful

Target Details

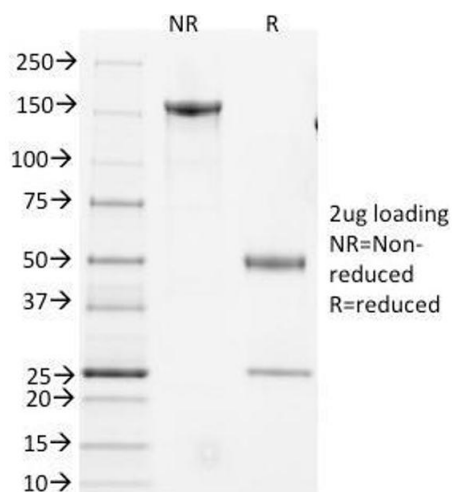
	for in vitro blocking and activation assays, as well as apoptosis induction and in vivo T cell depletion.
Molecular Weight:	23kDa
Gene ID:	12501
UniProt:	P22646
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Positive Control: MPBMC's or Thymus or Lymph Node. Known Application: Functional Studies (Order Antibody without BSA & Azide), Flow Cytometry (0.5-1 µg/million cells in 0.1ml), Immunofluorescence (0.5-1 µg/mL) Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CD3e Hamster Monoclonal Antibody (145-2C11).