

Datasheet for ABIN7457928 **anti-CD3 epsilon antibody**

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Overview

Quantity:	50 µg
Target:	CD3 epsilon (CD3E)
Reactivity:	Mouse
Host:	Armenian Hamster
Clonality:	Monoclonal
Conjugate:	This CD3 epsilon antibody is un-conjugated
Application:	Flow Cytometry (FACS), Activation (Act), Depletion (Dep)

Product Details

Clone:	145-2C11
Isotype:	IgG
Purification:	Purified
Sterility:	0.2 µm filtered
Endotoxin Level:	Low Endotoxin: Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.

Target Details

Target:	CD3 epsilon (CD3E)
Alternative Name:	CD3epsilon (CD3E Products)
Background:	T-cell surface glycoprotein CD3 epsilon chain,CD3E,T-cell surface antigen T3/Leu-4 epsilon chain,CD3e,CD3E,T3E,CD3ε is a 20 kD transmembrane protein, also known as CD3 or T3. It is a

Target Details

member of the Ig superfamily and primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. CD3ε forms a TCR complex by associating with the CD3δ, γ and ζ chains, as well as the TCR α/β or γ/δ chains. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex.

Gene ID:	12501
UniProt:	P22646
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Matching Isotype Control: AF/LE Purified Armenian Hamster IgG Isotype Control (ABIN7469872)
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE)
Preservative:	Azide free
Storage:	4 °C
Storage Comment:	Store at 2~8°C. Do not freeze.