

Datasheet for ABIN7449351 **anti-CD3 epsilon antibody**

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CD3 epsilon (CD3E)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD3 epsilon antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB)

Product Details

Purpose:	Mouse anti-CD3E Monoclonal Antibody [UCHT1]
Immunogen:	Human infant thymocytes and Sezary cells
Clone:	UCHT1
Isotype:	IgG

Target Details

Target:	CD3 epsilon (CD3E)
Alternative Name:	CD3E (CD3E Products)
Background:	Background: CD3E is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The epsilon polypeptide plays an essential

Target Details

	role in T-cell development [taken from NCBI Entrez Gene (Gene ID: 916)].
Gene ID:	916
NCBI Accession:	NP_000724
UniProt:	P07766
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	01:01,00
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Phosphate Buffered Saline (PBS) containing 0.09 % Sodium 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
Expiry Date:	12 months