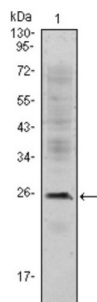
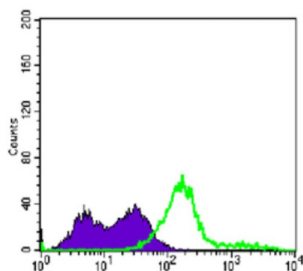


T-Cell Surface Glycoprotein CD3 Epsilon Chain (CD3E) Antibody

Catalogue No.: abx011883



Western blot analysis using CD3E antibody against Jurkat (1) cell lysate.



Flow cytometric analysis of Jurkat cells using CD3E antibody (green) and negative control (purple).

The protein encoded by this gene 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 genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11.

Target: T-Cell Surface Glycoprotein CD3 Epsilon Chain (CD3E)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, WB, FCM

Host: Mouse

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of CD3E expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Datasheet

Version: 3.0.0
Revision date: 14 Sep 2025



Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P07766 (UniProt , ExPASy)
Gene Symbol:	CD3E
GeneID:	916
OMIM:	186830
HGNC:	1674
KEGG:	hsa:916
Ensembl:	ENSG00000198851
String:	9606.ENSP00000354566
Molecular Weight:	23 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.