

Datasheet for ABIN7178411
anti-CD3 epsilon antibody (Biotin)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CD3 epsilon (CD3E)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD3 epsilon antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), ELISA

Product Details

Immunogen:	Recombinant Protein
Isotype:	IgG2a
Cross-Reactivity:	Human
Purification:	Affinity purified

Target Details

Target:	CD3 epsilon (CD3E)
Alternative Name:	CD3E (CD3E Products)
Background:	Background: 4AT3 reacts with CD3, a 20-26 kDa molecule, which is expressed on all mature T lymphocytes (approximately 60-80 % of normal human peripheral blood lymphocytes), NK-T cells and some thymocytes. CD3 associated with the T-cell receptor α/β or γ/δ dimer also plays a role in T-cell activation and signal transduction during antigen recognition.* CD3 mAb is used

Target Details

to count mature T cells in blood.1. Ledbetter, J et al. (1981) J Exp Med 153:310-323.2. Haynes, B et al. (1986) Leukocyte Typing II: Human T lymphocytes. New York: Sprimger-Verlag, 3-30.3. Clevers H et al. (1988). Ann Rev Immunol 6 : 629-662.4. Barclay, N et al. (1993). The Leucocyte Factsbook. Academic Press. San Diego.

Aliases: N/A

UniProt: [P07766](#)

Pathways: [TCR Signaling](#), [CXCR4-mediated Signaling Events](#), [Ubiquitin Proteasome Pathway](#)

Application Details

Application Notes: Recommended dilution:IF:1:100-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Phosphate-buffered solution, pH 7.4, containing 0.09 % sodium azide and 0.2 % (w/v) BSA

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: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.