

# CD3 epsilon Polyclonal Antibody Cy3 Conjugated

Catalog No: #C00437Cy3

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## Description

Product Name	CD3 epsilon Polyclonal Antibody Cy3 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from mouse CD3E
Conjugates	Cy3
Target Name	CD3 epsilon
Other Names	CD3; T3e; AI54783; CD3epsilon; T-cell surface glycoprotein CD3 epsilon chain; T-cell surface antigen T3 Leu-4 epsilon chain; CD3e
Accession No.	Swiss-Prot#:P22646NCBI Gene ID:12501
Cell Localization	Cytoplasm, Helical
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200

## Background

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. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women. [provided by RefSeq, Jul 2008].

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.