

# CD3 epsilon Polyclonal Antibody Cy7 Conjugated

Catalog No: #C00437Cy7

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## Description

Product Name	CD3 epsilon Polyclonal Antibody Cy7 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IHC-P
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from mouse CD3E
Conjugates	Cy7
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	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

## 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.