

# CD3 epsilon Antibody HRP Conjugated

Catalog No: #C00437H

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## Description

Product Name	CD3 epsilon Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from mouse CD3E
Conjugates	HRP
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 ID12501
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

WB=1:500-2000 IHC-P=1:50-200 IHC-F=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.