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Datasheet for ABIN7454035

## Recombinant anti-CD3 epsilon antibody (AA 157-207)

### Overview

Quantity:	100 µg
Target:	CD3 epsilon (CD3E)
Binding Specificity:	AA 157-207
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD3 epsilon antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Multiplex Immunofluorescence (mIF)

### Product Details

Purpose:	Rabbit anti-CD3E Recombinant Monoclonal Antibody [BL-298-5D12]
Immunogen:	between AA 157 and 207
Clone:	BL-298-5D12
Isotype:	IgG

### Target Details

Target:	CD3 epsilon (CD3E)
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## Target Details

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Alternative Name:	CD3E ( <a href="#">CD3E Products</a> )
Background:	Background: CD3E 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 epsilon polypeptide plays an essential role in T-cell development [taken from NCBI Entrez Gene (Gene ID: 916)].
Gene ID:	916
NCBI Accession:	<a href="#">NP_000724</a>
UniProt:	<a href="#">P07766</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Ubiquitin Proteasome Pathway</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Concentration:	1000 µg/mL
Buffer:	Borate Buffered Saline (BBS) pH 8.2 with 0.09 % Sodium Azide, BSA-Free
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:	4 °C
Expiry Date:	12 months