antibodies -online.com





anti-CD3D antibody





Go to Product page

\sim			
	IV/E	۱/۱۲	$I \cap V$

Quantity:	100 μL	
Target:	CD3D	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Monoclonal	
Conjugate:	This CD3D antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)	

Product Details

Purpose:	CD3D Rabbit mAb	
Immunogen:	A synthesized peptide derived from human CD3D	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Monoclonal Antibodies	
Purification:	Affinity purification	

Target Details

Target:	CD3D
Alternative Name:	CD3D (CD3D Products)
Background: The protein encoded by this gene is part of the T-cell receptor/CD3 complex (TCR/CD3	

complex) and is involved in T-cell development and signal transduction. The encoded membrane protein represents the delta subunit of the CD3 complex, and along with four other CD3 subunits, binds either TCR alpha/beta or TCR gamma/delta to form the TCR/CD3 complex on the surface of T-cells. Defects in this gene are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (SCIDBNK). Two transcript variants encoding different isoforms have been found for this gene. Other variants may also exist, but the full-length natures of their transcripts has yet to be defined. [provided by RefSeq, Feb 2009],CD3-DELTA, IMD19, T3D,Cancer,CDs,Hematopoietic Progenitors,Immunology & Inflammation,Stem Cells,T Cell Receptor Signaling Pathway,Tumor immunology,Tumor immunology_Tumor-associated antigens,CD3D

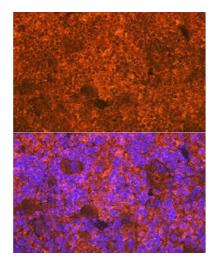
Molecular Weight:	19kDa
Gene ID:	915
UniProt:	P04234
Pathways:	TCR Signaling, CXCR4-mediated Signaling Events

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200,FC,1:50 - 1:200
Restrictions:	For Research Use only

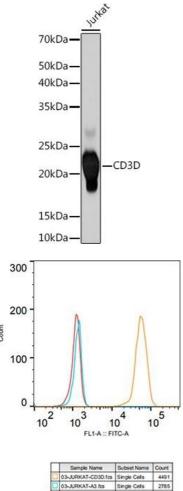
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of rat spleen using CD3D Rabbit mAb (ABIN7266193) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of Jurkat cells, using CD3D Rabbit mAb (ABIN7266193) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

Flow Cytometry

Image 3. Flow cytometry: Jurkat cells were stained with Rabbit IgG isotype control (, $2.5\,\mu g/mL$, blue line) or CD3D Rabbit mAb (ABIN7266193, $2.5\,\mu g/mL$ orange line), followed by goat anti-Rabbit pAb FITC (1:200 dilution) staining. Non-fluorescently stained Jurkat cells was used as blank control (red line) .

Please check the product details page for more images. Overall 5 images are available for ABIN7266193.