

Datasheet for ABIN2854530
anti-CD3D antibody (Center)



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1 Image

Overview

Quantity:	100 µL
Target:	CD3D
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD3D antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CD3 delta. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to CD3 delta (CD3d molecule, delta (CD3-TCR complex)) CD3 delta antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	CD3D
Alternative Name:	CD3 delta (CD3D Products)

Target Details

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.

Cellular Localization: Membrane

Molecular Weight: 19 kDa

Gene ID: 915

Pathways: [TCR Signaling](#), [CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: Suggested dilution Reference Western blot 1:5000-1:20000* Not tested in other applications.
Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:5000-1:20000

Comment: Positive Control: Jurkat membrane

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

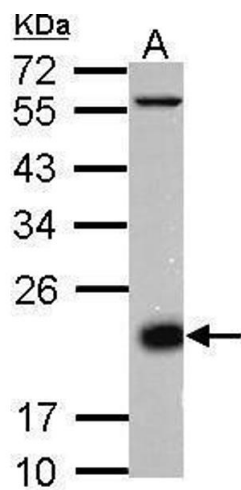
Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw

cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
Jurkat membrane 12% SDS PAGE antibody diluted at
1:10000