

Datasheet for ABIN1385275
anti-CD4 antibody (AA 301-400)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	CD4
Binding Specificity:	AA 301-400
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CD4
Alternative Name:	CD4 (CD4 Products)
Background:	Synonyms: CD4mut, T-cell surface glycoprotein CD4, T-cell surface antigen T4/Leu-3, CD4

Target Details

Background: Accessory protein for MHC class-II antigen/T-cell receptor interaction. May regulate T-cell activation. Induces the aggregation of lipid rafts.

Gene ID: 920

UniProt: [P01730](#)

Pathways: [TCR Signaling](#), [Maintenance of Protein Location](#), [CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

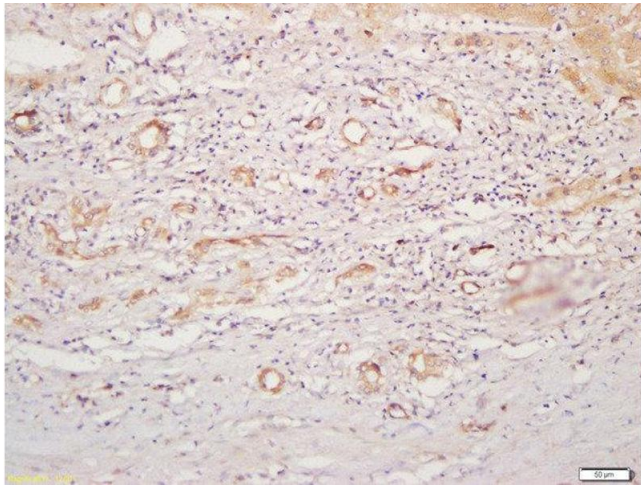
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

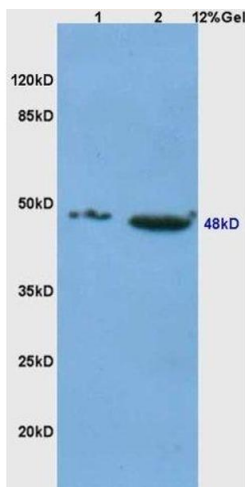
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



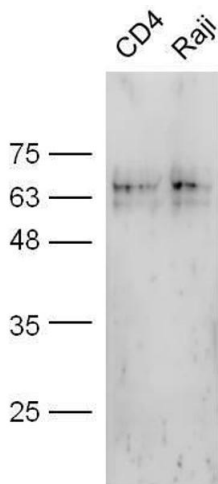
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded human liver carcinoma labeled with Rabbit Anti-CD4 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 2. Lane 1: Mouse Thymus Lane 2: Mouse embryo probed with Anti-CD4 Polyclonal Antibody at 1:5000 for 90 min at 37°C.



Western Blotting

Image 3. Mouse stomach probed with Anti-CD4 Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1385275.