



## Datasheet for ABIN7437029 anti-CD4 antibody (AA 27-394)



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### 3 Images

#### Overview

Quantity:	100 µL
Target:	CD4
Binding Specificity:	AA 27-394
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Polyclonal Antibody to Cluster Of Differentiation 4 (CD4)
Immunogen:	Recombinant Cluster Of Differentiation 4 (CD4) corresponding to Lys27~Thr394 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CD4. It has been selected for its ability to recognize CD4 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

#### Target Details

Target:	CD4
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## Target Details

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Alternative Name:	CD4 ( <a href="#">CD4 Products</a> )
Background:	CD4mut, p55, T-cell surface glycoprotein CD4, T-cell surface antigen T4/Leu-3
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">CXCR4-mediated Signaling Events</a>

## Application Details

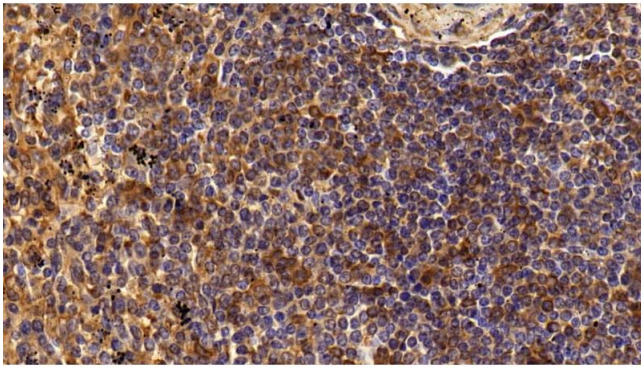
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

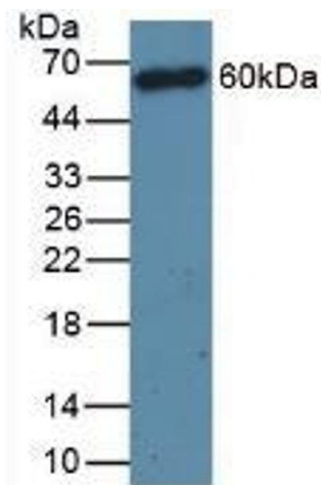
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Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



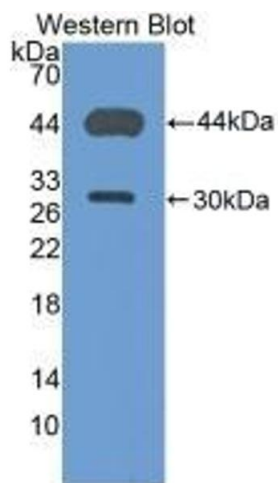
### Immunohistochemistry

**Image 1.** Detection of CD4 in Human Spleen Tissue using Polyclonal Antibody to Cluster Of Differentiation 4 (CD4)



### Western Blotting

**Image 2.** Detection of CD4 in Mouse Thymus Tissue using Polyclonal Antibody to Cluster Of Differentiation 4 (CD4)



### Western Blotting

**Image 3.** Detection of Recombinant CD4, Mouse using Polyclonal Antibody to Cluster Of Differentiation 4 (CD4)