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# Datasheet for ABIN7426808 anti-CD40 Ligand antibody (AA 180-261)

3 Images



### Overview

Quantity:	100 µL
Target:	CD40 Ligand (CD40LG)
Binding Specificity:	AA 180-261
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD40 Ligand antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Monoclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L)
Immunogen:	Recombinant Cluster Of Differentiation 40 Ligand (CD40L) corresdonding to Asn180~Leu261 (Accession # P29965)
Clone:	D4
lsotype:	lgG
Specificity:	The antibody is a mouse monoclonal antibody raised against CD40L. It has been selected for its ability to recognize CD40L in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

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Target Details	
Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD40 Ligand (CD40LG Products)
Background:	CD154, TRAP, HIGM1, IGM, IMD3, TBAM, T-BAM, TNFSF5, Gp39, TNF Superfamily Member 5, Hyper-IgM Syndrome, TNF-Related Activation Protein, T-Cell B-Cell Activating Molecule
Pathways:	NF-kappaB Signaling, Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

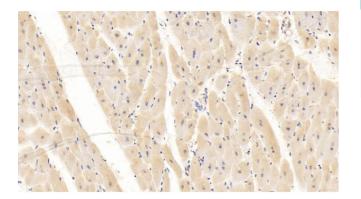
## Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5- 30 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

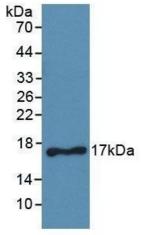
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent 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

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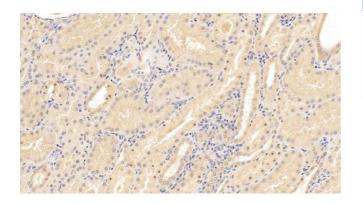
#### Immunohistochemistry

**Image 1.** Detection of CD40L in Human Cardiac Muscle Tissue using Monoclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L)



#### Western Blotting

**Image 2.** Detection of Recombinant CD40L, Human using Monoclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L)



#### Immunohistochemistry

**Image 3.** Detection of CD40L in Human Kidney Tissue using Monoclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L)

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