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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

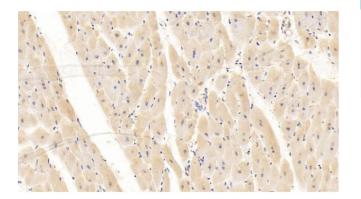
Application Details

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

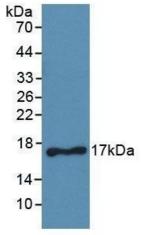
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent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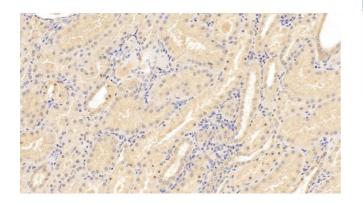
Immunohistochemistry

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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