

Datasheet for ABIN7426673  
**anti-CD40 Ligand antibody (AA 105-260)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	CD40 Ligand (CD40LG)
Binding Specificity:	AA 105-260
Reactivity:	Rat
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) corresponding to Lys105~Leu260 (Accession # Q9Z2V2) with N-terminal His and GST Tag
Clone:	C1
Isotype:	IgG2b kappa
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.
Cross-Reactivity:	Mouse
Purification:	Protein A + Protein G affinity chromatography

## Target Details

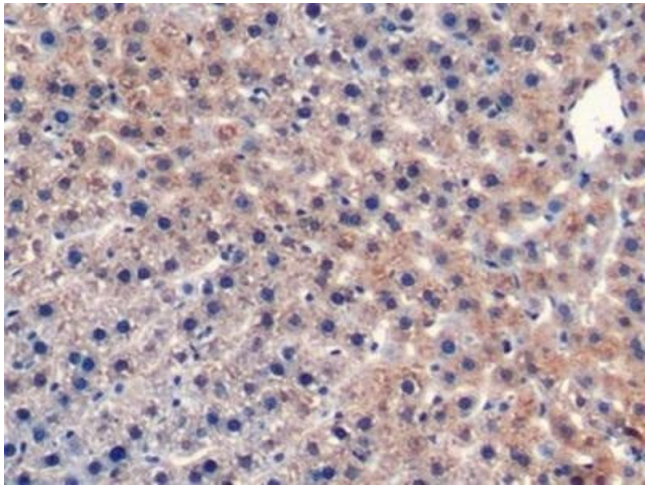
Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD40 Ligand ( <a href="#">CD40LG Products</a> )
Background:	CD154, TRAP, HIGM1, IGM, IMD3, TBAM, T-BAM, TNFSF5, Gp39, TNF Superfamily Member 5, Hyper-IgM Syndrome, TNF-Related Activation Protein, T-Cell B-Cell Activating Molecule
Pathways:	<a href="#">NF-kappaB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

## Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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

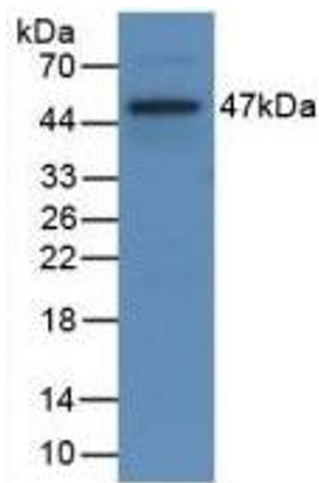
## Handling

Format:	Liquid
Buffer:	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



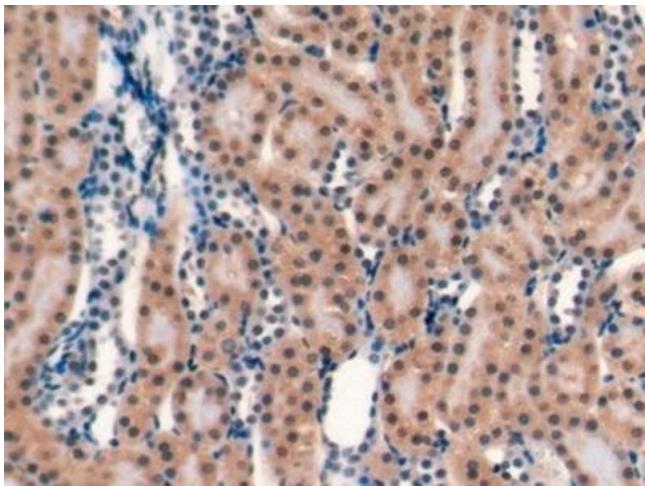
**Immunohistochemistry**

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



**Western Blotting**

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



**Immunohistochemistry**

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