

Datasheet for ABIN7437965

anti-CD40 Ligand antibody (AA 48-244)



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2 Images

Overview

Quantity:	100 µL
Target:	CD40 Ligand (CD40LG)
Binding Specificity:	AA 48-244
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD40 Ligand antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L)
Immunogen:	Recombinant Cluster Of Differentiation 40 Ligand (CD40L) corresponding to Arg48~Pro244 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CD40L. It has been selected for its ability to recognize CD40L in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

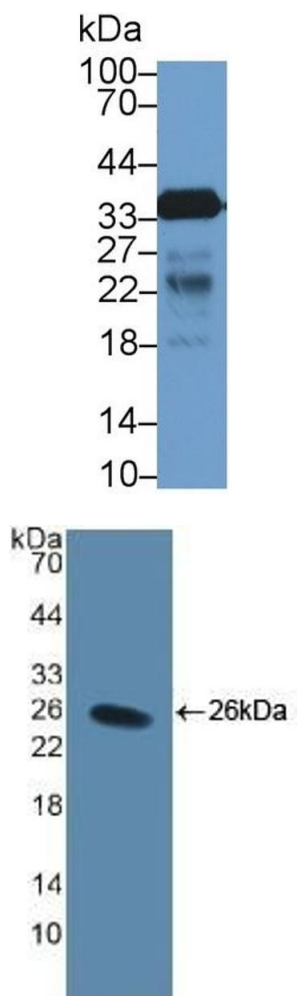
Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD40L (CD40LG Products)
Background:	CD154, TRAP, HIGM1, IGM, IMD3, TBAM, T-BAM, TNFSF5, Gp39, TNF Superfamily Member 5, Hyper-IgM Syndrome, TNF-Related Activation Protein, T-Cell B-Cell Activating Molecule
UniProt:	P29965
Pathways:	NF-kappaB Signaling , Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

Application Details

Application Notes:	Western blotting: 1-5 µg/mL, Immunocytochemistry in formalin fixed cells: 5-20 µg/mL, Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL, Immunohistochemistry in paraffin section: 5-20 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
Concentration:	500 µg/mL
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



Western Blotting

Image 1. Detection of CD40L in Rat Lymph node lysate using Polyclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L)

Western Blotting

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