Datasheet for ABIN6138190

anti-CD40 Ligand antibody (AA 79-129)

5 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	CD40 Ligand (CD40LG)
Binding Specificity:	AA 79-129
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD40 Ligand antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 79-129 of human CD40L (NP_000065.1).
Sequence:	LSLLNCEEIK SQFEGFVKDI MLNKEETKKE NSFEMQKGDQ NPQIAAHVIS E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD40 Ligand (CD40LG)

Target Details

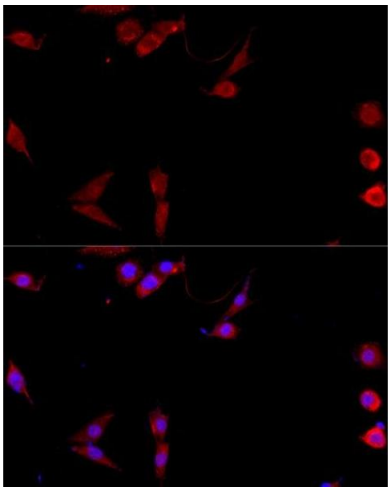
Alternative Name:	CD40LG (CD40LG Products)
Background:	The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.,CD154,CD40L,HIGM1,IGM,IMD3,T-BAM,TNFSF5,TRAP,gp39,hCD40L,CD40LG,Cell Biology & Developmental Biology,Apoptosis,Immunology & Inflammation,CD markers,Cytokines,TNF,B Cell Receptor Signaling Pathway,NF-kB Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,Cardiovascular,CD40LG
Molecular Weight:	29 kDa
Gene ID:	959
UniProt:	P29965
Pathways:	NF-kappaB Signaling, Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application Notes:	WB,1:1000 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

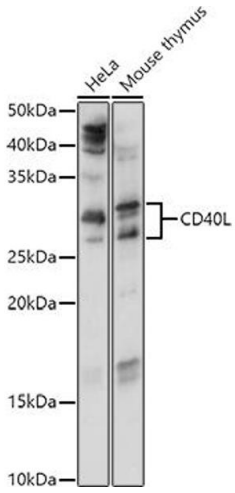
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



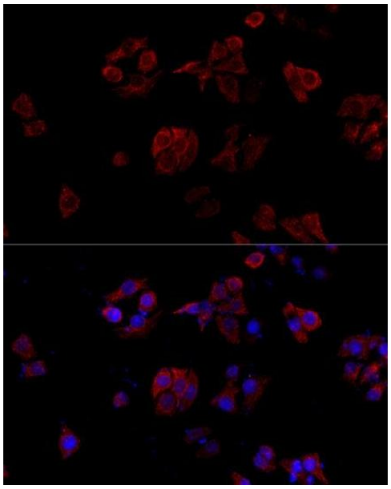
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using CD40L antibody (ABIN6133614, ABIN6138190, ABIN6138191 and ABIN6216826) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD40L antibody (ABIN6133614, ABIN6138190, ABIN6138191 and ABIN6216826) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using CD40L antibody (ABIN6133614, ABIN6138190, ABIN6138191 and ABIN6216826) at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 5 images are available for ABIN6138190.