

Datasheet for ABIN7457955 **anti-CD40 Ligand antibody**

[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CD40 Ligand (CD40LG)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD40 Ligand antibody is un-conjugated
Application:	Flow Cytometry (FACS), Blocking Reagent (BR)

Product Details

Clone:	5C8
Isotype:	IgG2a, kappa
Purification:	Purified
Sterility:	0.2 µm filtered
Endotoxin Level:	Low Endotoxin: Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.

Target Details

Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD154 (CD40LG Products)
Background:	CD40L, gp39, TRAP, T-BAM, TNFSF5, CD154 (CD40 ligand) is also known as CD40L, gp39, TRAP and T-BAM. CD40 ligand is a 32-39 kD type II transmembrane glycoprotein. It is a member of

Target Details

the TNF superfamily and is expressed on activated T cells. It has been reported to be important for B cell costimulation following binding of its receptor, CD40. Additionally, binding of CD40L to CD40 on B cells promotes the secretion of immunoglobulin and Ig isotype switching. CD40L is also involved in the regulation of cytokine production by T cells.

Gene ID:	959
UniProt:	P29965
Pathways:	NF-kappaB Signaling , Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Matching Isotype Control: AF/LE Purified Mouse IgG2a, κ Isotype Control (ABIN7469784)
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE)
Preservative:	Azide free
Storage:	4 °C
Storage Comment:	Store at 2~8°C. Do not freeze.