Datasheet for ABIN7539620

anti-CD40 Ligand antibody

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Overview

Quantity:	100 µg
Target:	CD40 Ligand (CD40LG)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD40 Ligand antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	AF/LE Purified Anti-Human CD154 Antibody [24-31]
Immunogen:	Recombinant Human CD154 protein
Clone:	24-31
Isotype:	IgG1, kappa
Specificity:	Human
Purification:	Protein A/G Purified
Endotoxin Level:	Low Endotoxin: < 1.0 EU per mg of the antibody as determined by the LAL method.

Target Details

Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD154 (CD40LG Products)

Target Details

Background:	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 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:	FCM:2 µg/mL(1x10^5-5x10^5 cells)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	≥ 1 mg/mL
Buffer:	Sterile PBS.
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.