Datasheet for ABIN135217

anti-CD40 Ligand antibody (Biotin)

1 Image

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Overview

Quantity:	0.5 mg
Target:	CD40 Ligand (CD40LG)
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This CD40 Ligand antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Activated mouse Th1 clone D1.6
Clone:	MR1
Isotype:	IgG
Specificity:	Mouse CD154, Mr 39 kDa
Characteristics:	Hamster Anti-Mouse CD154-BIOT

Target Details

Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD154 (CD40LG Products)
Background:	CD154, formerly known as CD40 ligand and gp39, is a type II integral membrane protein and a member of the tumor necrosis factor (TNF) family of ligands. It is an important accessory

Target Details

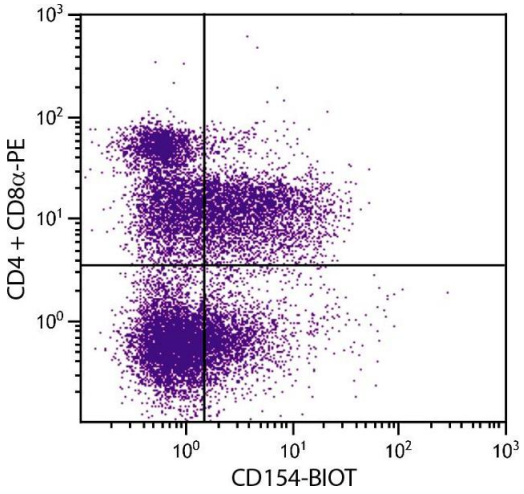
	molecule in T cell-B cell costimulatory interactions, and is expressed predominantly on activated CD4+ T lymphocytes. It is also present on the surface of activated Th0, Th1, and Th2 T cell clones. Its expression is transient and cyclosporin-sensitive.
Pathways:	NF-kappaB Signaling, Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application Notes:	• **Applications:** FC - Quality tested , IHC-FS - Reported in literature , IP - Reported in literature , Block - Reported in literature , ELISA - Reported in literature • **Working Dilutions:** Flow Cytometry FITC and BIOT conjugates 2 g/106 cells PE conjugate 0.2 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L
Comment:	In vivo and in vitro blockage of CD154 function
Sample Volume:	1 mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	0.5 mg in 1.0 mL of PBS/Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	**Protect conjugated products from light.** Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C
Storage Comment:	Store at 2-8°C



Flow Cytometry

Image 1. PMA and ionomycin stimulated BALB/c mouse splenocytes were stained with Hamster Anti-Mouse CD154-BIOT.