

Datasheet for ABIN135216

anti-CD40 Ligand antibody (FITC)[Go to Product page](#)**1** Image

Overview

Quantity:	0.5 mg
Target:	CD40 Ligand (CD40LG)
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This CD40 Ligand antibody is conjugated to FITC
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-FITC

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

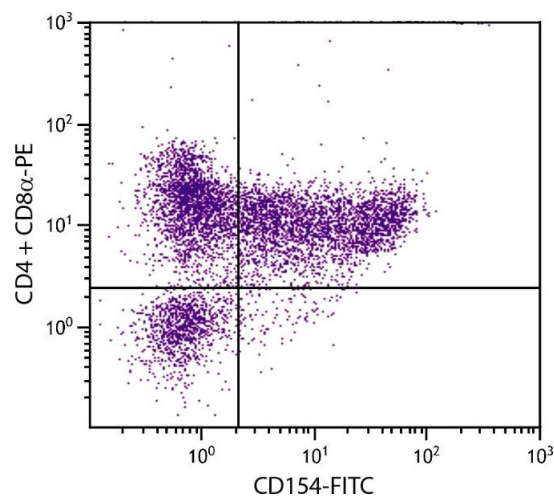
Preservative: Sodium azide

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-FITC.