APC/Cyanine 7 Anti-Human CD154 (CD40L) Antibody[24-31]

Catalog Number: AN00341N

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

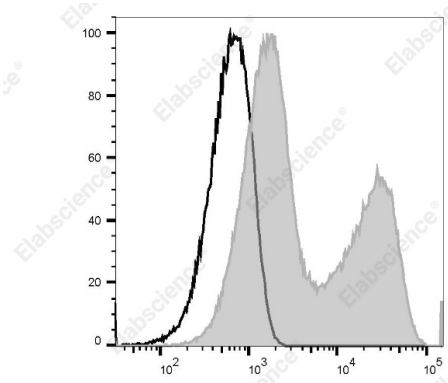
Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	24-31
Isotype Control	APC/Cyanine 7 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792N]
Conjugation	APC/Cyanine 7
Conjugation Information	APC/Cyanine 7 is designed to be excited by the Red (627-640 nm) lasers and detected using an optical filter centered near 780 nm (e.g., a 780/60 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications — Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of MIX stimulated(5h) PBMC with APC/Cyanine 7 Anti-Human CD154 Antibody[24-31](filled gray histogram) or APC/Cyanine 7 Mouse IgG1, κ Isotype Control(empty black histogram).

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	CD40L;gp39;TRAP;T-BAM;TNFSF5
Uniprot ID	P29965
Gene ID	959

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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.

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