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Biotin Anti-Human/Monkey CD154/CD40L Antibody[5C8]

Catalog Number: E-AB-F1128B

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

Description

Reactivity Human; Monkey

Host Mouse

Isotype Mouse IgG2a, κ

Clone No. 5C8

Isotype Control Biotin Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09803B]

Conjugation Biotin

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. For flow

cytometric staining, the suggested use of this reagent is \leq 1.0 μ g per 10⁶ cells in 100 μ L volume or 100 μ L of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names T-BAMTNFSF5TRAPgp39;CD40L

 Uniprot ID
 P29965

 Gene ID
 959

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.