AF/LE Purified Anti-Human/Monkey CD154/CD40L Antibody[5C8]

Catalog No.	E-AB-F11280	**Reactivity**	Human,Monkey
Storage	Store at 2~8℃, Avoid freeze / thaw cycles	**Applications**	Block,FCM

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

Antigen Information

Alternate Names	CD40L, gp39, TRAP, T-BAM, TNFSF5
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.

Product Details

Form	Liquid
Concentration	0.5 mg/mL
Size	50μg/500μg/1mg
Clone No.	5C8
Host	Mouse
Isotype	Mouse IgG2a, κ
Reactivity	Human,Monkey
Application	Block,FCM
Isotype Control	AF/LE Purified Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F098030]
Storage Buffer	0.2 μm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
Shipping	Biological ice pack at 4 ℃
Stability & Storage	Keep as concentrated solution. Store at 2~8℃ and protected from prolonged exposure to light.Do not freeze. This product is guaranteed up to one year from purchase.

Fluorophore

Conjugation: None (Purified antibody-Azide Free/Low endotoxin)

Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 1.0 μg per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Related Information

1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html