

**Purified Anti-Human/Monkey  
CD154/CD40L Antibody [5C8]**  
Catalogue Code: AGEL1604**Antibody Data**

<b>Product SKU:</b>	<b>AGEL1604</b>	<b>Clone:</b>	<b>5C8</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human;Monkey</b>		

**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

<b>Alternate Names:</b>	CD40L; gp39; TRAP; T-BAM; TNFSF5;
<b>Uniprot ID:</b>	P29965
<b>Background:</b>	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.
<b>Form:</b>	Liquid
<b>Conjugation:</b>	Unconjugated
<b>Size:</b>	25&micro;g, 100&micro;g
<b>Host Species:</b>	Mouse
<b>Isotype:</b>	Mouse IgG2a, $\kappa$
<b>Isotype Control:</b>	Purified Mouse IgG2a, $\kappa$ Isotype Control[C1.18.4] [Product AGEL1604]
<b>Storage Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Shipping:</b>	Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**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  $\leq 1.0 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.