

**Manufacturer/Supplier:**

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**Product name:** AF/LE Purified Anti-Human/Monkey CD154  
Monoclonal Antibody

**Catalog:** DL21618F

**Synonyms:** 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.

**Form:** Liquid

**Isotype:** Mouse IgG2a,  $\kappa$

**Size:** 50 $\mu$ g/500 $\mu$ g/1mg

**Host:** Mouse

**Reactivity:** Human,Monkey

**Application:** Block, FCM, IP

**Concentration:** 0.5 mg/mL

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

**SwissProt:** P29965

**Buffer:** 0.2  $\mu$ m filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or

### Recommended Use:

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.

**Storage:**



Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.