

FITC anti-mouse CD154 (CD40L)

Catalog # / 1385025 / 25 µg
Size: 1385030 / 100 µg

Clone: SA047C3

Isotype: Rat IgG2a, κ

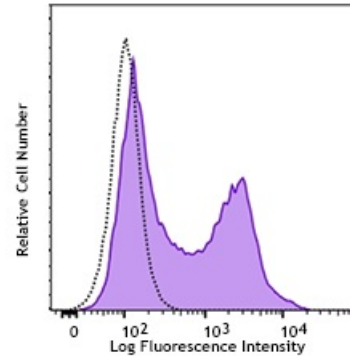
Immunogen: mCD40L-transfectants

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml



Enriched BALB/c mouse splenic T cells were stimulated with PMA plus ionomycin for 6 hours and then stained with mouse CD154 (CD40L) (clone SA047C3) FITC (filled histogram) or rat IgG2a FITC isotype control (open histogram).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.5 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Description: CD154 has been known a 39 kD TNF superfamily member also known as CD40 ligand, gp39, T-BAM, TRAP, and Ly-62. CD154 is an accessory molecule expressed predominantly on activated CD4⁺ lymphocytes that bind CD40. CD154 plays an important role in T-B cell costimulation and Ig class switching.