SONY

Product Data Sheet

APC Rat IgG2a, λ Isotype Ctrl

Catalog # / Size: 2611530 / 100 µg
2611525 / 25 µg

Clone: G013C12

Isotype: Rat IgG2a, λ

Immunogen: Trinitrophenol + KLH

Reactivity: Other

Preparation: The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions.

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

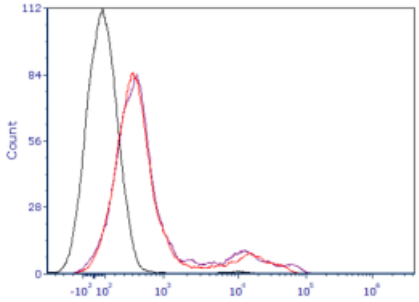
Workshop Number: 750 under optimal conditions.

Concentration: 0.2

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 ≤ 0.25 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application.



One day old C57BL/6 mouse splenocytes were stained with Zombie R718™ and analyzed before fixation (purple) or after fixation and permeabilization (red). Cells alone, without Zombie R718™ staining, are indicated in black.

Application Notes: The SHG-1 immunoglobulin is useful as an isotype-matched control (for the relevant formats) for Western blotting, immunoprecipitation, immunohistochemistry, functional assay, and immunofluorescence microscopy. The LEAF™ purified antibody (Endotoxin <0.1 EU/µg, Azide-Free, 0.2 µm filtered) is recommended for functional assays as negative control.

Application References:

1. Nishimoto H, *et al.* 2005. *Blood.* 106:4241.

Description: The isotype of this antibody is rat IgG2a, λ. This antibody was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.

Antigen References:

1. Center D *et al.* 1996. *Immunol. Today* 17:476.
2. Gaubin M *et al.* 1996. *Eur. J. Clin. Chem. Clin. Biochem.* 34:723.

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