

Brilliant Violet 421™ anti-mouse IgG1

Catalog # / Size: 2633075 / 125 µl
2633080 / 500 µl

Clone: RMG1-1

Isotype: Rat IgG

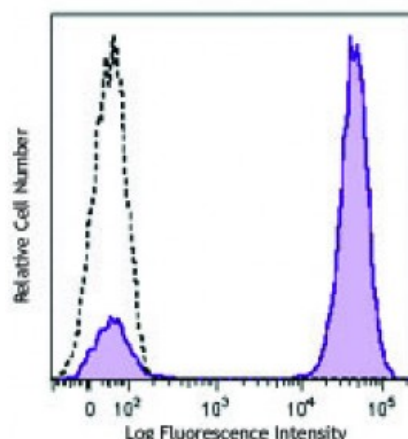
Immunogen: Mouse Ig cocktail

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with Brilliant Violet 421™ under optimal conditions. The solution is free of unconjugated Brilliant Violet 421™ and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).

Concentration: Lot-specific



Human peripheral blood lymphocytes were stained with purified mouse IgG1 anti-human CD3 (clone UCHT1, filled histogram) or mouse IgG1, κ isotype control (open histogram), followed by anti-mouse IgG1 (clone RMG1-1) Brilliant Violet 421™.

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 ≤5 microL per million cells or 5 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Brilliant Violet 421™ excites at 405 nm and emits at 421 nm. The standard bandpass filter 450/50 nm is recommended for detection. Brilliant Violet 421™ is a trademark of Sirigen Group Ltd.

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Application References: 1. Rucci F, *et al.* 2010. *P. Natl. Acad. Sci. USA* 107:3024. (FC) [PubMed](#)
2. Zhang JG, *et al.* 2011. *Int. Immunopharmacol.* 11:1685. [PubMed](#)

Description: The RMG1-1 monoclonal antibody reacts with immunoglobulin G1 (IgG1) in all tested mouse haplotype (Igh-a and b). It does not react with other isotypes. The RMG1-1 monoclonal antibody may be used as a primary or secondary reagent for ELISA or immunofluorescent analysis.