

### Biotin anti-mouse IgG1

**Catalog # / Size:** 2633020 / 500 µg  
2633015 / 50 µg

**Clone:** RMG1-1

**Isotype:** Rat IgG

**Immunogen:** Mouse Ig cocktail

**Reactivity:** Mouse

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

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

**Concentration:** 0.5

### Applications:

**Applications:** Other

**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 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

**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](#)
3. Collin R, *et al.* 2014. *J Immunol.* 193:3503. [PubMed](#)
4. Dahlgreen MW, *et al.* 2015. *J Immunol.* 194:5187. [PubMed](#)

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**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.