SONY

Product Data Sheet

APC anti-mouse CD192 (CCR2)

Catalog # / Size: 1353135 / 25 µg
1353140 / 100 µg

Clone: SA203G11

Isotype: Rat IgG2b, κ

Immunogen: Mouse CCR2 transfectants.

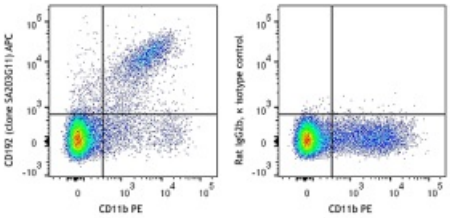
Reactivity: Mouse

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: HCDM listed

Concentration: 0.2

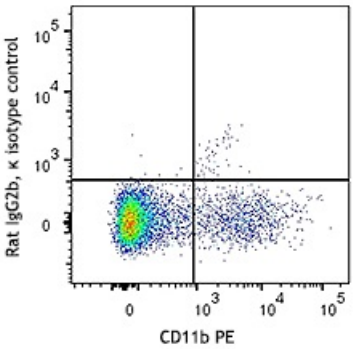


C57BL/6 bone marrow was stained with Ly-6G FITC, CD11b PE, and CD192 (CCR2) (clone SA203G11) APC (left) or Rat IgG2b, κ APC isotype control (right). Dot plots are gated on Ly-6G negative cells.

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.



C57BL/6 bone marrow was stained with Ly-6G (clone 1A8) Alexa Fluor® 647

Application References:

1. Mack M, *et al.* 2001. *J. Immunol.* 166:4697.
2. Dutta P, *et al.* 2015. *Cell Stem Cell.* 16:477.
3. Li L, *et al.* 2008. *Kidney Int.* 74:1526.

Description: CD192, also known as CCR2, is a 42 kD G-protein coupled receptor that is associated with bone marrow homeostasis. Specifically, CD192 mediates monocyte chemotaxis and acts as a receptor for monocyte chemoattractant protein 1 (MCP-1). CD192 is primarily expressed on monocytes and macrophages, with some expression on basophils. It is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis and cancer.

Antigen References:

1. Mack M, *et al.* 2001. *J. Immunol.* 166:4697.
2. Dutta P, *et al.* 2015. *Cell Stem Cell.* 16:477.
3. Li L, *et al.* 2008. *Kidney Int.* 74:1526.

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