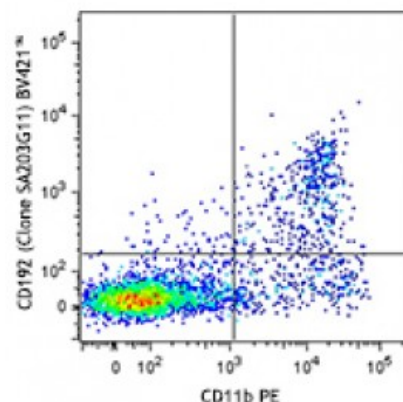


Brilliant Violet 421™ anti-mouse CD192 (CCR2)

Catalog # / Size:	1353025 / 50 µg
Clone:	SA203G11
Isotype:	Rat IgG2b, κ
Immunogen:	Mouse CCR2 transfectants.
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



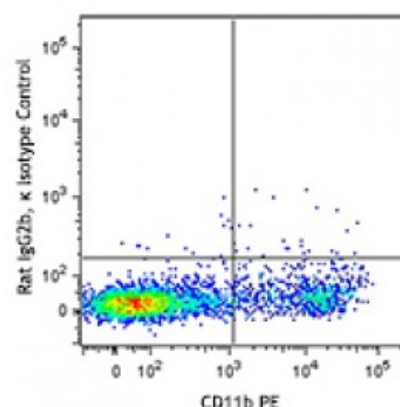
C57BL/6 bone marrow was stained with Ly-6G APC/Cy7, CD11b PE, and CD192 (clone SA203G11) Brilliant Violet 421™ (top) or rat IgG2b, κ Brilliant Violet 421™ isotype control (bottom). Dot plots are gated on Ly-6G⁻ cells.

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 microg per million cells in 100 microL volume. 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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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 1. Mack M, *et al.* 2001. *J. Immunol.* 166:4697.
References: 2. Dutta P, *et al.* 2015. *Cell Stem Cell.* 16:477.
3. Li L, *et al.* 2008. *Kidney Int.* 74:1526.