SONY

Product Data Sheet

Alexa Fluor® 647 anti-mouse CD196 (CCR6)

Catalog # / Size: 1249040 / 100 µg
1249035 / 25 µg

Clone: 29-2L17

Isotype: Hamster IgG

Immunogen: N-terminal peptide (aa. 2-38) of mouse CCR6 fused with GST

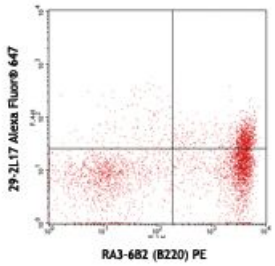
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with Alexa Fluor® 647 under optimal conditions.

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

Workshop Number: 750 under optimal conditions.

Concentration: 0.5



C57BL/6 splenocytes stained with RA3-6B2 (B220) PE and 29-2L17 Alexa Fluor® 647

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.

* Alexa Fluor® 647 has a maximum emission of 668 nm when it is excited at 633 nm / 635 nm.

Description: CCR6 is a G-protein linked chemokine receptor which binds the chemokine CCL20/MIP-3a. It is expressed on B lymphocytes and certain subsets of dendritic cells and T cells. CCR6 is reported to be involved in mucosal immune response and lymphocyte migration and homeostasis.

Antigen References:

1. Rossi D, *et al.* 1997. *J. Immunol.* 158:1033.
2. Lukacs N, *et al.* 2001. *J. Exp. Med.* 194:551.
3. Cook DN, *et al.* 2000. *Immunity* 12:495

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