

Product Data Sheet

LEAF™ Purified anti-mouse CD199 (CCR9)

Catalog # / Size: 129704 / 500 µg

Clone: 9B1

Isotype: Rat IgG2a, κ

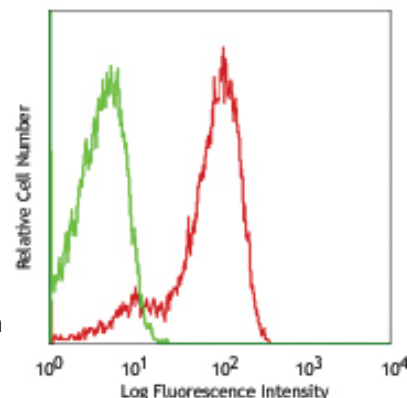
Reactivity: Mouse

Preparation: The LEAF™ (Low Endotoxin, Azide-Free) antibody was purified by affinity chromatography.

Formulation: 0.2 µm filtered in phosphate-buffered solution, pH 7.2, containing no preservative. Endotoxin level is <0.1 EU/µg of the protein (<0.01 ng/µg of the protein) as determined by the LAL test.

Concentration: 1.0 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C. This LEAF™ solution contains no preservative; handle under aseptic conditions.



C57BL/6 thymocytes stained with LEAF™ purified 9B1, followed by anti-rat IgG FITC

Applications:

Applications: FC - *Quality tested*
 FA - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 1.0 µg per 10⁶ cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Description: CCR9 is a member of the G protein coupled receptor family and is involved in T cell development in the thymus and in gut-associated immune response. The interaction of CCR9 with its ligand CCL25 (TECK, thymus-expressed chemokine) may direct the trafficking of developing T cells in the thymus and generation of gut-specific immunological memory.

Antigen References: 1. Zaballos A, *et al.* 1999. *J. Immunol.* 162:5671
 2. Wurbel MA, *et al.* 2007. *J. Immunol.* 178:7598
 3. Wurbel MA, *et al.* 2006. *Eur. J. Immunol.* 36:73

Related Products:

Product
 LEAF™ Purified Rat IgG2a, κ Isotype Ctrl

Cell Staining Buffer
 RBC Lysis Buffer (10X)

Clone

RTK2758

Application

FC, ICFC, WB, IP, ICC, IF,
 IHC, FA
 FC, ICC, ICFC
 FC, ICFC



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