

**PerCP/Cy5.5 anti-mouse CD198 (CCR8)**

**Catalog # / Size:** 1351535 / 25 µg  
1351540 / 100 µg

**Clone:** SA214G2

**Isotype:** Rat IgG2b, κ

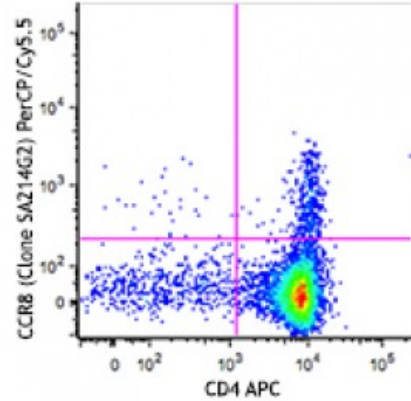
**Immunogen:** Mouse CCR8-transfected cells

**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography and conjugated with PerCP/Cy5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cy5.5 and unconjugated antibody.

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

**Concentration:** NULL



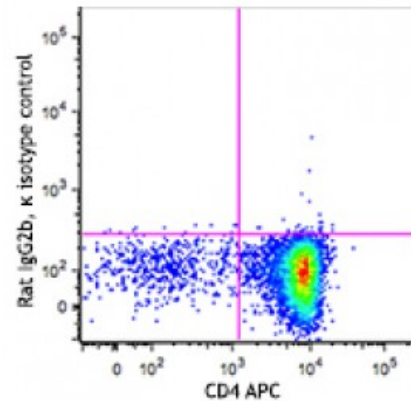
C57BL/6 mouse thymocytes were stained with CD4 APC and CCR8 (clone SA214G2) PerCP/Cy5.5 (top) or rat IgG2b, κ PerCP/Cy5.5 isotype control (bottom).

**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.

\* PerCP/Cy5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm.



**Description:** C-C chemokine receptor type 8 (CCR8) is a 41 kD G-protein coupled receptor with 7 transmembrane regions. CCR8 is expressed by a subset of thymocytes, Tregs, NKT and Th2-polarized cells, a subset of macrophages, monocytes, and monocyte-derived dendritic cells. CCR8 mediates chemotaxis toward its ligand CCL1, and is involved in apoptosis of thymocytes.

**Antigen References:**

1. Coghill JM, *et al.* 2013. *Blood*. 122:825.
2. Islam SA, *et al.* 2011. *Nat. Immunol.* 12:167.
3. Hoshino A, *et al.* 2007. *J. Immunol.* 178:5296.
3. Qu C, *et al.* 2004. *J. E*