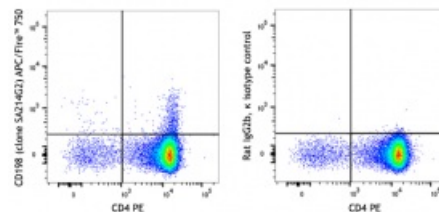


APC/Fire™ 750 anti-mouse CD198 (CCR8)

Catalog # /	1351585 / 25 µg
Size:	1351590 / 100 µg
Clone:	SA214G2
Isotype:	Rat IgG2b, κ
Immunogen:	Mouse CD198 (CCR8)-transfected cells
Reactivity:	Mouse
Preparation:	The antibody was purified by affinity chromatography and conjugated with APC/Fire™ 750 under optimal conditions.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.2 mg/ml



C57BL/6 mouse thymocytes were stained with CD4 PE and CD198 (CCR8) (clone SA214G2) APC/Fire™ 750 (top) or rat IgG2b, κ APC/Fire™ 750 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 ≤2.0 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

* APC/Fire™ 750 has a maximum excitation of 650 nm and a maximum emission of 787 nm.

Description: C-C chemokine receptor type 8 (CCR8) CD198, 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. Exp. Med.* 200:1231.