

## Technical Data Sheet

### Anti-Mouse CCR8 (CD198)

**Catalog Number:** 200801  
**Size:** 25 ug  
**Target Name:** CD198, CCR8 CC-CKR-8, Ter1  
**Regulatory Status:** RUO

#### Product Details

---

**Clone:** m198AR2b  
**Application:** FC  
**Reactivity:** Mouse  
**Format:** Purified  
**Isotype:** Rat IgG2b  
**Antibody Type:** Monoclonal  
**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide  
**Protein Concentration:** 0.5 mg/mL  
**Storage&Handling:** The antibody solution should be stored between 2°C and 8°C

#### Background Information

---

CCR8 is a 41 kDa seven-transmembrane GPCR in the  $\gamma$ -chemokine receptor family, expressed on thymocytes, Tregs, NKT, Th2 cells, NK cells, monocytes, macrophages, and some dendritic cells, with highest levels in the thymus and tumor-infiltrating Tregs. It binds CCL1 (I-309), CCL17 (TARC), and CCL4 (MIP-1?) to mediate chemotaxis, thymocyte apoptosis, and positioning of activated T cells in immune sites. CCR8's selective enrichment on tumor Tregs makes it a potential target for cancer immunotherapy.