Anti-Human CD194[CCR4]-153Eu

**Catalog #:** 3153013A  
**Package Size:** 50 tests  
**Storage:** Store product at 4°C. Do not freeze.  
**Cross Reactivity:** Human

**Technical Information**

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage:** The suggested use is 1 µl for up to $3 \times 10^6$ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

**Description**

CD194 also known as CCR4 (CC-chemokine receptor type 4) belongs to the G protein-coupled receptor family. It is expressed on stimulated and unstimulated T, and B cells, basophils, monocytes, and NK cells. Human peripheral blood Tregs can be divided into two distinct populations based on the expression of CCR4. Freshly isolated Tregs express CCR4 and presumably represent memory-type Tregs, and CCR4(−) Tregs require anti-CD3 Ab-mediated activation to acquire a regulatory activity. Depletion of CCR4(+) T cells leads to Th1-type polarization of CD4(+) T cells and augmentation of CD8(+) T cell responses to tumor Ags.

**References**


**Contact Information:**

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This product is intended for Research Use Only. This product is not intended for therapeutic or diagnostic purposes in humans or animals.