Anti-Human CD194/CCR4-153Eu
Catalog: 3153030A
Package size: 50 tests
Storage: Store at 4 °C. Do not freeze.

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 x 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 CC chemokine receptor 4 (CCR4), 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 regulatory T cells (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 antibody-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 antigens.

References


For technical support visit http://techsupport.fluidigm.com. | For general support visit www.fluidigm.com/support.