Anti-Human CD199-168Er

Catalog #: 3168011A
Clone: L053E8

Package Size: 50 tests
Isotype: Mouse IgG2a

Storage: Store product at 4°C. Do not freeze.
Formulation: Antibody stabilizer with 0.05% Sodium Azide

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.

Human T-lymphoblasts MOLT-4 cells (Top) and human Jurkat T cells (bottom) were stained with 168Er-anti-CCR9/CD199 (L053E8).

Description

Human CD199, also known as CCR9, is a member of the G protein coupled receptor (GPCR) family and is involved in T cell development in the thymus and in the gut-associated immune response. It is highly expressed on different stages of thymocytes and upregulated on CD4+CD8+ double-positive cells. CCR9 deficiency in mice, results in mild impairment in thymocyte development. The interaction of CCR9 with its ligand CCL25 (TECK, thymus-expressed chemokine) may direct the trafficking of developing T cells in the thymus. Recently, due to it’s role in gut-trafficking of B and T cells, CCR9 has been identified as a potential therapeutic target in Crohn's disease.

References


Contact Information:

Sales: sales@DVSsciences.com | Support: support@DVSsciences.com
www.DVSsciences.com | For assistance by phone: 855-DVS-CYTO