

Anti-Human CD25-149Sm

Catalog #: 3149010B

Package Size: 100 tests

Storage: Store product at 4°C. Do not freeze.

Cross Reactivity: Human

Clone: 2A3

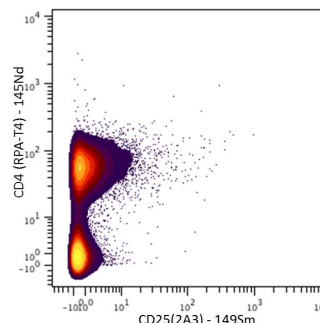
Isotype: Mouse IgG1

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 10⁶ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Human PBMCs stained with 145Nd-anti-CD4 (RPA-T4) and 149Sm-anti-CD25 (2A3). CD3+ CD20- cells are displayed in the analysis.

Description

CD25, a glycoprotein known as the low-affinity interleukin-2 receptor (IL-2R), enables T cells to respond to the growth-promoting cytokine IL-2. It is expressed on regulatory and activated T cells, activated B cells, macrophages and on monocytes.

References

Bandura, D. R., et al. Mass Cytometry: Technique for Real Time Single Cell Multitarget Immunoassay Based on Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. *Analytical Chemistry* 81:6813-6822, 2009.

Ornatsky, O. I., et al. Highly multiparametric analysis by mass cytometry. *J Immunol Methods* 361 (1-2):1-20, 2010.

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