Anti-Human CD39-160Gd

Catalog #: 3160004B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Cross Reactivity: Rhesus

Clone: A1
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 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 PBMCs stained with 147Sm-anti-CD20 (2H7) and 160Gd-anti-CD39 (A1). Lymphocytes are displayed in the analysis.

Description

CD39, also known as ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1), is an integral membrane protein with two transmembrane domains and exists as a homotetramer. It is found on subsets of activated T cells and B cells, and dendritic cells with weak staining on monocytes and granulocytes. Expression of CD39 is induced on T cells and increased on B cells as a late activation antigen. CD39 can hydrolyze both nucleoside triphosphates and diphosphates and has ecto-ATPase activity.

References


Contact Information:
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