Anti-Mouse CD69-145Nd

Catalog #: 3145005B
Clone: H1.2F3
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Isotype: Hamster IgG
Cross Reactivity: Mouse
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.

C57BL/6 mouse splenocytes were incubated for 18 hours in media alone (black) or with PMA and Ionomycin (yellow). Cells were then fixed, permeabilized, and stained with 145Nd-anti-CD69 (H1.2F3).

Description

CD69, also known as Very Early Activation Antigen (VEA) and CLEC2C, is a type II transmembrane protein. It is expressed transiently on activated T cells and B cells, NK cells, and neutrophils. Expression of CD69 during early activation facilitates proliferation and differentiation into effector and memory cells. After cell division, CD69 expression can decrease.

References
