Anti-Mouse CD48-156Gd

Catalog #: 3156012B
Clone: HM48-1
Package Size: 100 tests
Isotype: Hamster IgG
Storage: Store product at 4°C. Do not freeze.
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.

Mouse bone marrow cells stained with 156Gd anti-CD48 (HM48.1) and 167Er anti-CD150 (TC15-12F12.2). Viable lineage- cells are displayed in the analysis.

Description

CD48, also known as BCM1, is a 45 kDa member of the signaling lymphocyte activation molecule (SLAM) family of proteins. It is expressed on T cells, B cells and monocytes/macrophages. CD48 plays a critical role in adhesion and T cell activation. It can act as a ligand for both CD244 and CD2 and, depending on the context, either inhibits or stimulates IFNγ production from the target cell. CD48 can be used in combination with CD150 and CD41 to identify CD150+CD48-CD41- hematopoietic stem cells (HSC).

References


Contact Information:
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