

Anti-Mouse CD150 [SLAM]-167Er

Catalog: 3167004B

Clone: TC15-12F12.2

Package Size: 100 tests

Isotype: Rat IgG2a

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

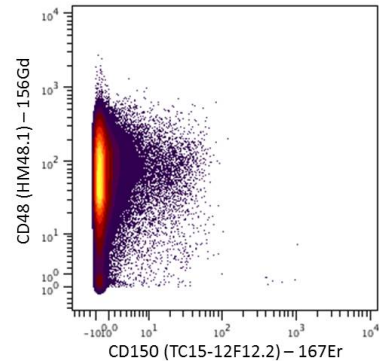
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Reactivity: Mouse,

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.



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

CD150, also known as SLAM (signaling lymphocyte activation molecule), is a member of the immunoglobulin superfamily. CD150 is expressed on lymphocyte subsets (B and T cells), dendritic cells, and endothelial cells, and is upregulated upon activation. In combination with CD48, CD150 has been demonstrated to be a useful marker for hematopoietic stem cell studies.

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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