

Anti-Mouse CD62L-164Dy

Catalog #: 3164003B

Package Size: 100 tests

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

Cross Reactivity: Mouse

Clone: MEL-14

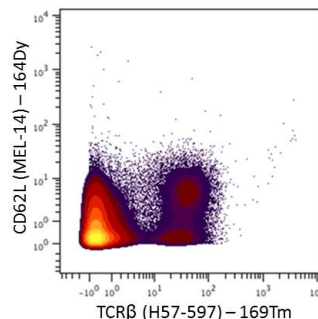
Isotype: Rat IgG2a

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.



Mouse splenocytes stained with 164Dy anti-CD62L (MEL-14) and 169Tm anti-TCRβ (H57-597). Total viable cells are displayed in the analysis.

Description

CD62L, also known as L-selectin, Ly-22, LAM-1, LECAM-1, or MEL-14, is a surface glycoprotein and member of the selectin family. CD62L is involved in immune cell homing, and is expressed on a variety of cell types, including naive T cells, most B cells, most thymocytes, and subsets of memory T cells, NK cells, monocytes, and granulocytes. CD62L promotes lymphocyte trafficking to peripheral lymph nodes, rolling along activated blood vessel walls, and neutrophil transmigration. CD62L is shed rapidly from lymphocytes and neutrophils upon activation. CD62L expression can be dramatically reduced upon cryopreservation.

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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