

## Anti-Mouse CD62L-160Gd

**Catalog #:** 3160008B

**Package Size:** 100 tests

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

**Cross Reactivity:** Mouse

**Clone:** MEL-14

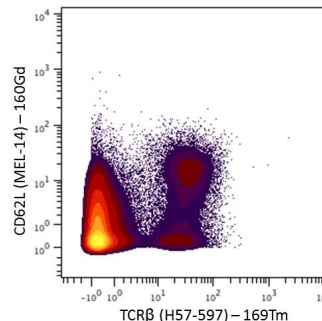
**Isotype:** Rat IgG2a

**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 10<sup>6</sup> 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 169Tm-anti-TCRβ (H57-597) and 160Gd-anti-CD62L (MEL-14).

### 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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