

Anti-Human CD162-161Dy

Catalog: 3161026B

Package size: 100 tests

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

Cross-reactivity: Cynomolgus Monkey

Clone: KPL-1

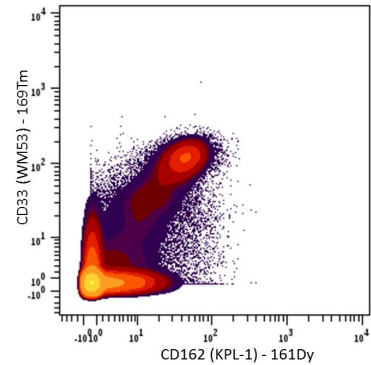
Isotype: Mouse IgG1

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 × 10⁶ live cells in 100 µL. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Human PBMCs stained with 169Tm-anti-CD33 (WM53) and 161Dy-anti-CD162 (KPL-1). CD3-CD20- cells are displayed in the analysis.

Description

CD162, also known as SELPLG and PSGL-1, is a 120 kDa mucin-type I transmembrane protein. It is expressed on myeloid cells, stimulated T cells and a subset of hematopoietic progenitor cells in the bone marrow. It plays an important role in leukocyte adhesion and rolling, as well as in recruiting white blood cells to inflamed tissue by interacting with P-selectin on endothelial cells of blood vessels and adherent platelets.

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 (2009): 6,813–22.

Ornatsky, O. I., et al. Highly Multiparametric Analysis by Mass Cytometry. *Journal of Immunological Methods* 361 (2010): 1–20.

For technical support visit fluidigm.com/support.

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