

Anti-Mouse Ly-6G-151Eu

Catalog #: 3151010B

Package Size: 100 tests

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

Cross Reactivity: Mouse

Clone: 1A8

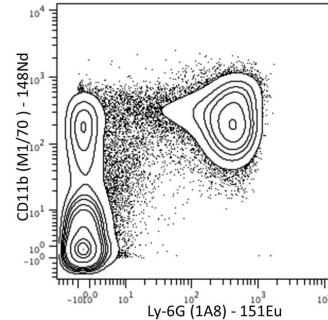
Isotype: Rat IgG2a

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.



C57BL/6 mouse bone marrow cells stained with 148Nd-anti-CD11b (M1/70) and 151Eu-anti-Ly-6G (1A8).

Description

Ly-6G, also known as Gr-1, is a 21-25 kDa GPI-anchored protein belonging to the Ly-6 superfamily proteins. Gr-1 plays a role in cell signaling and adhesion, and is differentially expressed during the maturation of myeloid-lineage cells including monocytes, macrophages, granulocytes and neutrophils.

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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