

Anti-Mouse CD90.2-156Gd

Catalog #: 3156006B

Package Size: 100 tests

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

Cross Reactivity: Mouse

Clone: 30-H12

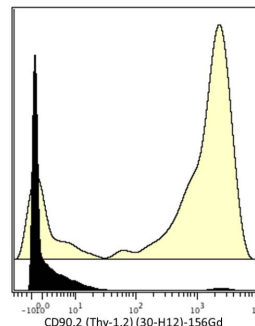
Isotype: Rat IgG2b

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 156Gd-anti-CD90.2 (Thy-1.2) (30-H12). Lymphocytes (top) and myeloid cells (bottom) are displayed in the analysis.

Description

CD90.2, also known as Thy-1.2, is a GPI-linked membrane molecule. CD90 is involved in regulation of adhesion and signal transduction by T cells. CD90.2 is expressed by mouse thymocytes and mature T cells as well as neurons in CD90.2-expressing mouse strains, including BALB/c, CBA, C3H, C57BL/6, C58/, SJL and others. Cells from CD90.1-expressing mouse strains, including PL and AKR, do not stain with 30-H12.

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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