

Anti-Human CD63-150Nd

Catalog: 3150021B

Package Size: 100 tests

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

Reactivity: Human,

Clone: H5C6

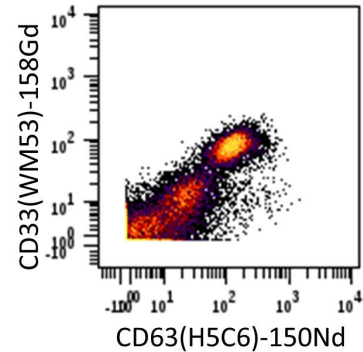
Isotype: IgG1

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 X 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 150Nd-anti-CD63(H5C6) and 158Gd-anti-CD33(WM53). Total viable cells are displayed in the analysis.

Description

The H5C6 monoclonal antibody specifically reacts with CD63, a 53 kD type III lysosomal glycoprotein. CD63 is also known as LIMP, LAMP-3, gp55, and melanoma-associated antigen (ME491). CD63 is expressed on activated platelets, monocytes, macrophages, endothelium, fibroblasts, osteoclasts, and smooth muscle cells. There have been reports in the literature of CD63 associating with a wide range of immunomodulatory receptors including CD9, CD81, VLA-3, and VLA-6.

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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