

Anti-Human CD102-151Eu

Catalog: 3151015B

Package Size: 100 tests

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

Reactivity: Human

Clone: CBR-IC2/2

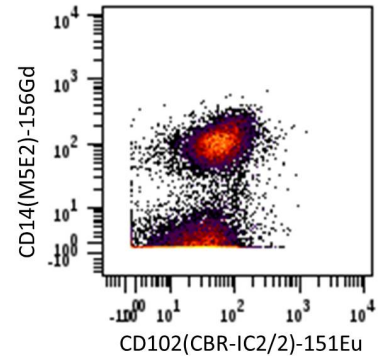
Isotype: IgG2a

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.



Human PBMCs stained with 151Eu-anti-CD102(CBR-IC2/2) and 156Gd-anti-CD14(M5E2). Total viable cells are displayed in the analysis.

Description

CD102, also known as Intercellular Adhesion Molecule-2 (ICAM-2), is a 55 kDa type I transmembrane glycoprotein in immunoglobulin superfamily. CD102 is constitutively expressed at high levels on vascular endothelial cells, some lymphocytes, monocytes, and platelets. CD102 is a ligand of leukocyte integrin CD11a/CD18 (LFA-1), and also binds to integrin CD11b/CD18 (Mac-1). It is involved in lymphocyte homing to sites of inflammation and in costimulation of immune response.

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.

For technical support visit fluidigm.com/support

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