

Anti-Human CD61-146Nd

Catalog #: 3146011B

Package Size: 100 tests

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

Cross Reactivity: Cynomolgus Monkey, Rhesus, Olive Baboon

Clone: VI-PL2

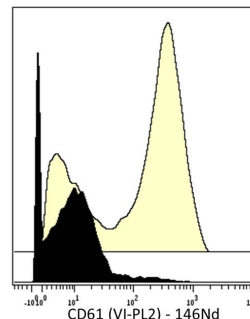
Isotype: Mouse IgG1

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 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 165Ho-anti-CD61(VI-PL2). Platelets (top) and B lymphocytes (bottom) are displayed in the analysis.

Description

CD61, also known as integrin b3 or glycoprotein IIIa (gpIIIa), is a type I transmembrane glycoprotein. CD41 is a member of integrin family and is expressed on platelets and megakaryocytes playing a role in platelet activation and aggregation. CD61 in complex with CD51 has also been reported on osteoclasts, fibroblast, macrophages and some tumor cells.

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.

Bendall, S.C., et al. Single-Cell Mass Cytometry of Differential Immune and Drug Responses Across a Human Hematopoietic Continuum. *Science* 6 May 2011: 687-696.

Ornatsky, O. I., et al. Highly multiparametric analysis by mass cytometry. *J Immunol Methods* 361 (1-2):1-20, 2010.

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