

Anti-APC-163Dy

Catalog #: 3163001B

Package Size: 100 tests

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

Cross Reactivity: All

Clone: APC003

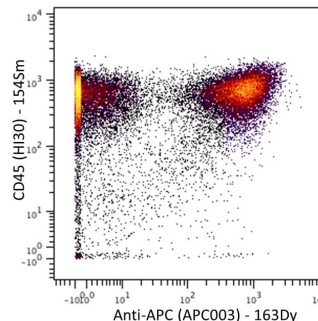
Isotype: Mouse IgG1

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 154Sm-anti-CD45 (HI30) and APC-anti-CD3 (UCHT1), followed by 163Dy-anti-APC (APC003) for detection. Total cells are displayed in the analysis.

Description

The APC003 antibody reacts with both allophycocyanin (APC) alone and APC conjugated with antibody or streptavidin, as well as APC tandem dyes such as APC/Cy5.5 and APC/Cy7. The APC003 antibody does not quench APC fluorescence or reacts with mouse and human cells. The APC003 antibody can be used as a secondary step to amplify APC conjugated primary antibody signals in a secondary staining step.

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.

Contact Information:

Sales: sales@DVSsciences.com | Support: support@DVSsciences.com
www.DVSsciences.com | For assistance by phone: 855-DVS-CYTO

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