

Anti-APC-176Yb

Catalog #: 3176007B

Package Size: 100 tests

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

Cross Reactivity: All

Clone: APC003

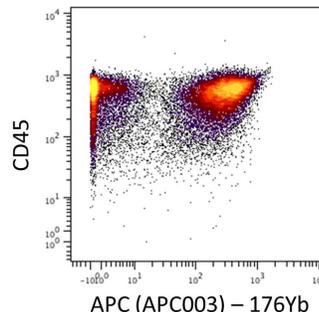
Isotype: Mouse IgG1

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 APC-anti-CD3 (UCHT 1) then detected with 176Yb-anti-APC (APC003). Plotted against 154Sm-anti-CD45 (HI30).

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.

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