

Anti-APC-162Dy

Catalog: 3162006B

Package Size: 100 tests

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

Reactivity: All,

Clone: APC003

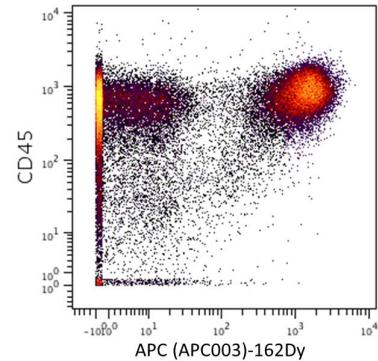
Isotype: IgG1

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 μ l for up to 3×10^6 live cells in 100 μ l. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Human PBMCs stained with APC-anti-CD3 (UCHT1) then detected with 162Dy-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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North America +1 650 266 6100 | Toll-free: +1 866 358 4354 in the US | support.northamerica@fluidigm.com **Europe** +33 1 60 92 42 40 | support.europe@fluidigm.com

China (excluding Hong Kong) +86 21 3255 8368 | techsupportchina@fluidigm.com **Japan** +81 3 3662 2150 | techsupportjapan@fluidigm.com

All other Asian countries +1 650 266 6100 | techsupportasia@fluidigm.com **Central and South America** +1 650 266 6100 | techsupportlatam@fluidigm.com

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