

## Anti-PE-165Ho

**Catalog #:** 3165015B

**Package Size:** 100 tests

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

**Cross Reactivity:** All

**Clone:** PE001

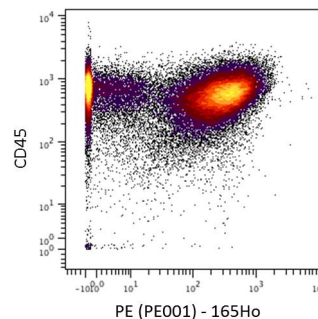
**Isotype:** Mouse IgG1

**Formulation:** Antibody stabilizer with 0.05% Sodium Azide

### Technical Information

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF<sup>®</sup> 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 10<sup>6</sup> 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 PE-anti-CD3 (UCTH1) then detected with 165Ho-anti-PE(PE001). Plotted against 154Sm-anti-CD45 (HI30).

### Description

The PE001 antibody reacts with both phycoerythrin (PE) alone and PE conjugated with antibody or streptavidin, as well as PE tandem dyes such as PE/Cy5, PE/Cy5.5 and PE/Cy7. The PE001 antibody does not quench PE fluorescence or react with mouse and human cells. The PE001 antibody can be used to amplify PE 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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