

## Anti-FITC-174Yb

**Catalog #:** 3174006B

**Package Size:** 100 tests

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

**Cross Reactivity:** All

**Clone:** FIT-22

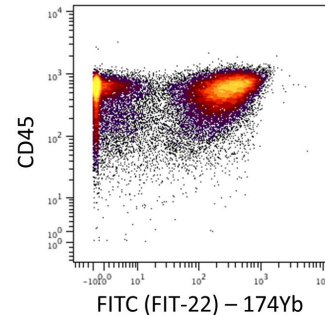
**Isotype:** Mouse IgG1

**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  $3 \times 10^6$  live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Human PBMC stained with FITC-anti-CD3(UCHT1) then detected with 174Yb-anti-FITC (FIT-22). Plotted against 154Sm-anti-CD45 (HI30).

### Description

The FIT-22 antibody reacts with both fluorescein (FITC) alone and FITC conjugated with antibody or streptavidin. The FIT-22 antibody does not quench FITC fluorescence or react with mouse and human cells. The FIT-22 antibody can be used to amplify FITC 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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