

Anti-FITC-144Nd

Catalog: 3144006B

Package Size: 100 tests

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

Reactivity: All,

Clone: FIT-22

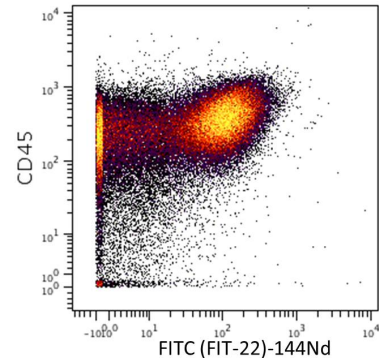
Isotype: IgG1

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 FITC-anti Human CD3 (UCHT1) then detected with 144Nd-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.

For technical support visit fluidigm.com/support

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