

Anti-Human IL-17F-166Er

Catalog #: 3166010B

Package Size: 100 tests

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

Cross Reactivity: Human

Clone: SHLR17

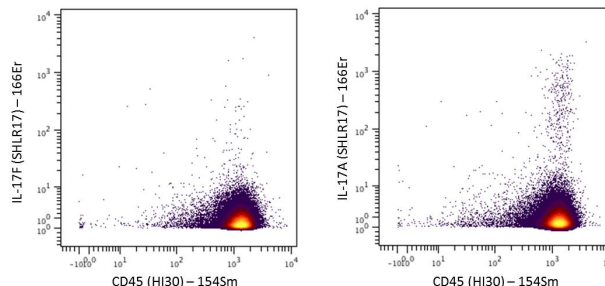
Isotype: Rat IgG1

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 Th17-polarized CD4+ T cells were incubated for 5 hours in media alone (left) or with PMA and Ionomycin (right) in the presence of monensin and brefeldin A. Cells were then fixed, permeabilized, and stained with 154Sm anti-CD45 (HI30) and 166Er anti-IL-17F (SHLR17).

Description

IL-17F is a homodimeric member of the of the interleukin (IL)-17 family, which also includes IL-17A, B, C, D, and E. The cytokines IL-17A and IL-17F are produced preferentially by proinflammatory T helper 17 (Th17) cells, with the other IL-17 family members are produced more widely. IL-17F and IL-17A have many overlapping functions, but knockout studies indicate that they have independent functions as well.

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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