Anti-Mouse IL-2-144Nd

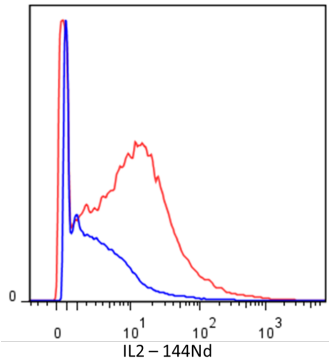
Catalog: 3144002B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Mouse,

Clone: JES6-5H4
Isotype: IgG2b
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 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



C57BL/6 mouse splenocytes were incubated for 18 hours in media alone (blue) or with PMA and Ionomycin (red) in the presence of monensin and brefeldin A. Cells were then fixed, permeabilized, and stained with 144Nd-anti-IL-2 (JES6-5H4).

Description

Interleukin-2 (IL-2), originally known as T cell growth factor (TCGF), is a cytokine that plays a critical role in promoting and controlling T cell responses and functions. IL-2 stimulates the survival, proliferation and differentiaion of antigen-activated T cells and is required for the survival and function of regulatory T cells.

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
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