

Anti-Human CD121B-163Dy

Catalog: 3163025B

Package size: 100 tests

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

Clone: MNC2

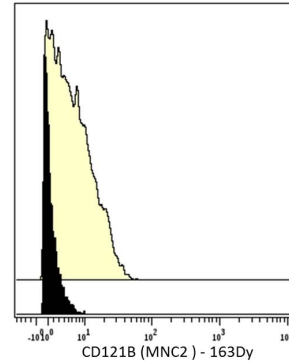
Isotype: Mouse IgG1

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 × 10⁶ live cells in 100 µL. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Human SR lymphoblast cells (top) and human Jurkat T cells (bottom) stained with 163Dy-anti-CD121B (MNC2).

Description

CD121b, also known as interleukin-1 receptor type II (IL-1RII), is a 68 kDa transmembrane protein found on B lymphocytes, neutrophils, monocytes, large granular leukocytes and endothelial cells. IL-1RII acts as a decoy receptor to regulate prolonged persistence of IL-1 by blocking the binding of IL-1 to the signaling type I receptor complex.

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 (2009): 6,813–22.

Ornatsky, O. I., et al. Highly Multiparametric Analysis by Mass Cytometry. *Journal of Immunological Methods* 361 (2010): 1–20.

For technical support visit fluidigm.com/support.

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