

# Anti-Human IKZF3-162Dy

Catalog: 3162032B

Package size: 100 tests

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

Clone: 914821

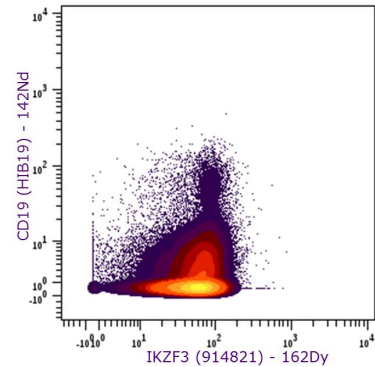
Isotype: Mouse IgG1

Formulation: Antibody stabilizer with 0.05% sodium azide

## Technical Information

**Validation:** Each lot of conjugated antibody is quality control-tested by CyTOF<sup>®</sup> 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 × 10<sup>6</sup> live cells in 100 µL. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Human PBMCs were fixed, permeabilized and stained with 142Nd-anti-CD19 (HIB19) and 162Dy-anti-IKZF3 (914821). Total viable cells are displayed in the analysis.

## Description

IKZF3, also known as Aiolos, is among the zinc finger-containing transcription factors that can form homodimers and heterodimers with Ikaros. It is expressed more highly in B cells than in T cells and NK cells. In addition to lymphocyte differentiation and proliferation, studies have shown that Aiolos is involved in apoptosis by regulating the expression and localization of Bcl-2.

## 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.

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