

Anti-Mouse I-A/I-E-209Bi

Catalog: 3209006B

Package size: 100 tests

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

Clone: M5/114.15.2

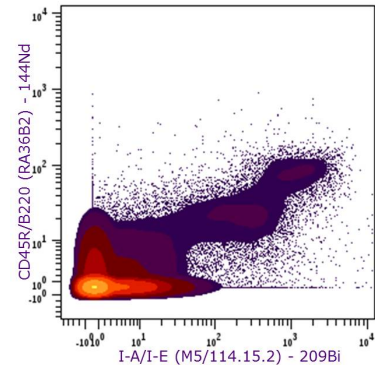
Isotype: Rat IgG2b

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



Mouse bone marrow stained with ¹⁴⁴Nd-anti-CD45R/B220 (RA36B2) and ²⁰⁹Bi-anti-I-A/I-E (M5/114.15.2). Total viable cells are displayed in the analysis.

Description

These class II molecules are expressed on antigen-presenting cells (including B cells and monocytes). They are involved in antigen presentation to T cells expressing CD3/TCR and CD4 proteins.

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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