

# Anti-Mouse CD11c-209Bi

Catalog: 3209005B

Package size: 100 tests

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

Clone: N418

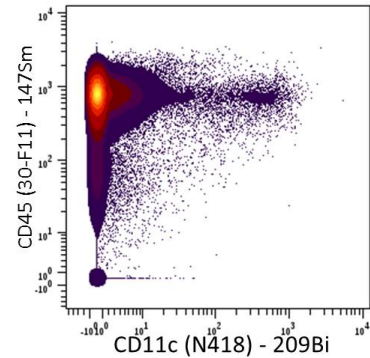
Isotype: Hamster IgG

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 × 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.



Mouse splenocytes stained with 147Sm-anti-CD45 (30-F11) and 209Bi-anti-CD11c (N418).

## Description

CD11c is a transmembrane glycoprotein also known as integrin αX or CR4. CD11c is primarily expressed on dendritic cells, NK cells, a subset of intestinal intraepithelial lymphocytes (IELs) and some activated T cells. It has also been associated with hairy cell leukemias, acute nonlymphocytic leukemias and some B-cell chronic lymphocytic leukemias.

## 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](http://fluidigm.com/support).

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