

## Anti-Human CD11c-159Tb

**Catalog #:** 3159001B

**Package Size:** 100 tests

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

**Cross Reactivity:** Cynomolgus Monkey

**Clone:** Bu15

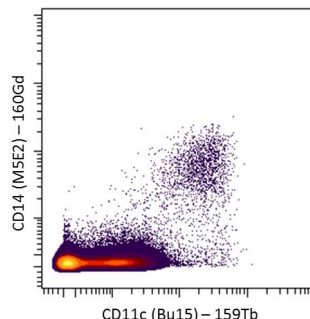
**Isotype:** Mouse IgG1

**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 X 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 lysed whole blood stained with 159Tb anti-CD11c (Bu15) and 160Gd anti-CD14 (M5E2). Total viable cells are displayed in the analysis.

### Description

CD11c is a transmembrane glycoprotein also known as integrin  $\alpha X$  or CR4. CD11c is known to be expressed on monocytes/macrophages, dendritic cells, neutrophils, NK cells, and subsets of T and B cells. It has also been known to be expressed in 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* 81:6813-6822, 2009.

Ornatsky, O. I., et al. Highly multiparametric analysis by mass cytometry. *J Immunol Methods* 361 (1-2):1-20, 2010.

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