

## Anti-Mouse CD11c (integrin $\alpha$ X) Antibody

|                           |                                                    |
|---------------------------|----------------------------------------------------|
| <b>Catalog Number:</b>    | 203101, 203102                                     |
| <b>Size:</b>              | 100 ug, 500 ug                                     |
| <b>Target Name:</b>       | CD11c, integrin $\alpha$ X chain, CR4, ITGAX, p150 |
| <b>Regulatory Status:</b> | RUO                                                |

### PRODUCT DETAILS

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| <b>Clone:</b>                 | N418-mG1                                                           |
| <b>Application:</b>           | Flow Cytometry                                                     |
| <b>Reactivity:</b>            | Mouse                                                              |
| <b>Format:</b>                | Purified                                                           |
| <b>Isotype:</b>               | Mouse IgG1                                                         |
| <b>Antibody Type:</b>         | Monoclonal                                                         |
| <b>Formulation:</b>           | Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide |
| <b>Protein Concentration:</b> | 0.5 mg/mL                                                          |
| <b>Storage&amp;Handling:</b>  | The antibody solution should be stored between 2°C and 8°C         |
| <b>RRID:</b>                  | AB_3739112                                                         |

### BACKGROUND INFORMATION

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CD11c (Integrin  $\alpha$ X, CR4, p150) is a ~150 kDa type I transmembrane glycoprotein that pairs non-covalently with  $\beta$ 2 integrin (CD18) to form the  $\alpha$ X $\beta$ 2 heterodimer. It is expressed mainly on dendritic cells, with additional expression on NK cells, subsets of intestinal intraepithelial lymphocytes, monocytes/macrophages, granulocytes, and some activated T and B cells. CD11c/CD18 binds iC3b, fibrinogen, and CD54 (ICAM-1), mediating cell-cell adhesion, phagocytosis of opsonized particles, and immune cell trafficking.