# Purified Anti-Mouse CD11c Antibody[N418]

**catalog number: E-AB-F09910P**

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

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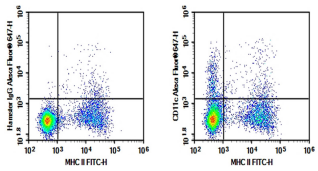
|---|---|
| **Reactivity** | Mouse |
| **Immunogen** | Recombinant Mouse CD11c protein |
| **Host** | Armenian Hamster |
| **Isotype** | Armenian Hamster IgG |
| **Clone** | N418 |
| **Purification** | >98%, Protein A/G purified |
| **Buffer** | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling. |

| Applications | Recommended Dilution |
|---|---|
| **FCM** | 2 μg/mL($1\times10^5$-$5\times10^5$ cells) |

## Data



C57/BL6 Mouse splenocytes were stained with 0.2 μg Purified Anti-Mouse CD11c Antibody[N418] (Right) and 0.2 μg Armenian Hamster IgG, κ Isotype Control (Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Armenian Hamster IgG Secondary Antibody, then anti-Mouse MHC II FITC-conjugated Monoclonal Antibody.

## Preparation & Storage

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| **Storage** | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| **Shipping** | Ice bag |

## Background

CD11c is a 150 kD glycoprotein also known as αX integrin, CR4, and p150. CD11c forms a αXβ2 heterodimer with β2 integrin (CD18). It is primarily expressed on dendritic cells, NK cells, a subset of intestinal intraepithelial lymphocytes ( IEL), and some activated T cells. The αXβ2 integrin plays an important role in cell-cell contact by binding its ligands: iC3b, fibrinogen, and CD54.



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