

## Purified Anti-Mouse CD11c Antibody[N418]

Catalog Number: GF09910P

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

### Description

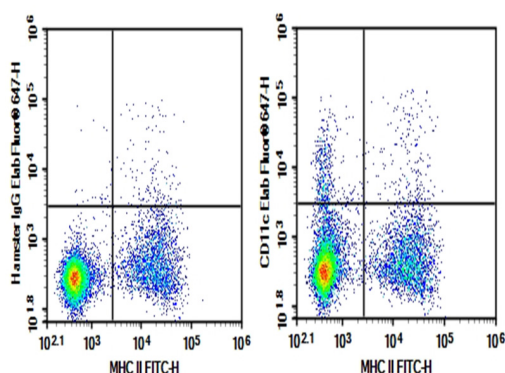
Reactivity	Mouse
Immunogen	Recombinant Mouse CD11c protein
Host	Armenian Hamster
Isotype	Armenian Hamster IgG
Clone	N418
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the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

### Applications

### Recommended Dilution

FCM	2 µg/mL (0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)
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### 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 Elab Fluor® 647-conjugated Goat Anti- Armenian Hamster IgG Secondary Antibody, then anti-Mouse MHC II FITC-conjugated Monoclonal Antibody.

### Preparation & Storage

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.