

Purified Anti-Mouse CD11c Antibody[N418]

catalog number: E-AB-F09910P

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

Description

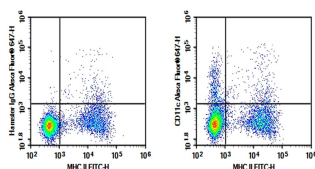
Reactivity	Mouse
Immunogen	Recombinant Mouse CD11c protein
Host	Armenian Hamster
Isotype	Armenian Hamster IgG
Clone	N418
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
buffer	PBS, pH 7.2. Contains 0.05% proclin 300.

Applications

Recommended Dilution

FCM	2 µg/mL (1×10^5 - 5×10^5 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 Alexa 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 $\alpha X \beta 2$ integrin, CR4, and p150. CD11c forms a $\alpha X \beta 2$ heterodimer with $\beta 2$ integrin (CD18). It is primarily expressed on dendritic cells, NK cells, a subset of intestinal intraepithelial lymphocytes (IEL), and some activated T cells. The $\alpha X \beta 2$ integrin plays an important role in cell-cell contact by binding its ligands: iC3b, fibrinogen, and CD54.

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