

# AF/LE Purified Anti-Mouse CD11c Antibody[N418]

catalog number: E-AB-F09910

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

## Description

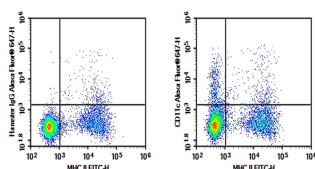
<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse CD11c protein
<b>Host</b>	Armenian Hamster
<b>Isotype</b>	Armenian Hamster IgG
<b>Clone</b>	N418
<b>Purification</b>	>98%, Protein A/G purified
<b>Conjugation</b>	None (AF/LE)
<b>buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

## Applications

## Recommended Dilution

<b>FCM</b>	2 µg/mL( $1 \times 10^5$ - $5 \times 10^5$ cells)
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## Data



C57/BL6 Mouse splenocytes were stained with 0.2 µg AF/LE 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

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
<b>Shipping</b>	Order now, ship in 3 days

## 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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