

## PE/Cyanine5.5 Anti-Mouse CD11c Antibody[N418]

|                    |  |                     |       |
|--------------------|--|---------------------|-------|
| <b>Catalog No.</b> | E-AB-F09911                                | <b>Reactivity</b>   | Mouse |
| <b>Storage</b>     | Store at 2~8°C, Avoid freeze / thaw cycles | <b>Applications</b> | FCM   |

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

### Antigen Information

|                        |   |
|------------------------|---|
| <b>Alternate Names</b> | Integrin alpha-X,Itgax,CD11 antigen-like family member C,Leukocyte adhesion receptor p150+95,CD11c  |
| <b>Uniprot ID</b>      | Q9QXH4  |
| <b>Background</b>      | CD11c is a 150 kD glycoprotein also known as $\alpha$ X 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. |

### Product Details

|                                |  |
|--------------------------------|--|
| <b>Form</b>                    | Liquid   |
| <b>Size</b>                    | 50Tests/100Tests/100Tests×2  |
| <b>Clone No.</b>               | N418   |
| <b>Host</b>                    | Armenian Hamster   |
| <b>Isotype</b>                 | Armenian Hamster IgG   |
| <b>Reactivity</b>              | Mouse  |
| <b>Application</b>             | FCM  |
| <b>Isotype Control</b>         | <a href="#">PE/Cyanine5.5 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F098521]</a>   |
| <b>Storage Buffer</b>          | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.  |
| <b>Shipping</b>                | Biological ice pack at 4 °C  |
| <b>Stability &amp; Storage</b> | Keep as concentrated solution.<br>Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.<br>This product is guaranteed up to one year from purchase. |

### For Research Use Only

## Fluorophore

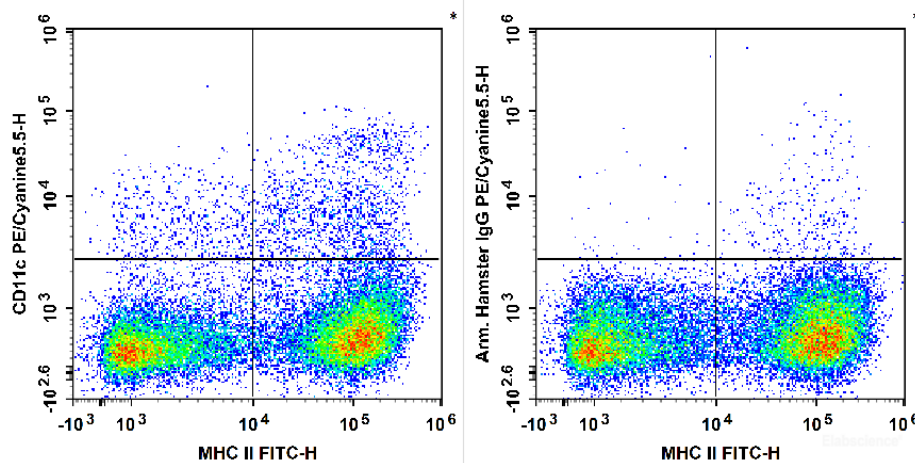
**Conjugation:** PE/Cyanine5.5

PE/Cyanine5.5 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 690 nm (e.g., a 690/50 nm bandpass filter).

## Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

## Product data



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse MHC II (I-A/I-E) Antibody and PE/Cyanine5.5 Anti-Mouse CD11c Antibody[N418] (Left). Splenocytes are stained with FITC Anti-Mouse MHC II (I-A/I-E) Antibody and PE/Cyanine5.5 Armenian Hamster IgG Isotype Control (Right).

## Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Cell Surface Targets for Flow Cytometry <https://www.elabscience.com/List-detail-5568.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>