

**Antibody Data**

|                      |                 |               |             |
|----------------------|-----------------|---------------|-------------|
| <b>Product SKU:</b>  | <b>AGEL0522</b> | <b>Clone:</b> | <b>N418</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |             |
| <b>Reactivity:</b>   | <b>Mouse</b>    |               |             |

**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** Integrin alpha-X;Itgax;CD11 antigen-like family member C;Leukocyte adhesion receptor p150+95;CD11c;

**Uniprot ID:** Q9QXH4

**Background:** 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.

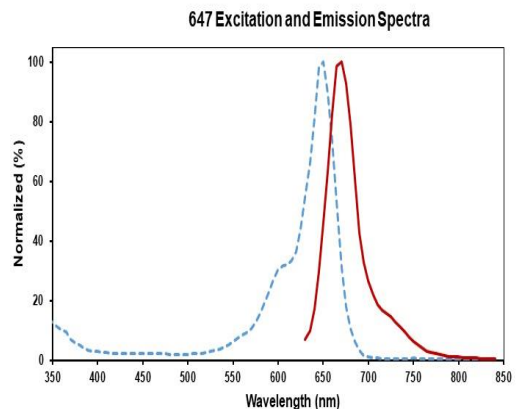
**Form:** Liquid

**Conjugation:** Genie Fluor647

**Size:** 25 $\mu$ g, 100 $\mu$ g

**Host Species:** Armenian Hamster

**Isotype:** Armenian Hamster IgG



**Isotype Control:** Genie Fluor 647 Armenian Hamster IgG Isotype Control[PIP] [Product AGEL0522]

**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Shipping:** Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10<sup>6</sup> cells in 100 µL volume].

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