

## **Hamster monoclonal anti mouse CD11c**

**(Azide-free & Low endotoxin)**

### **ORDERING INFORMATION**

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Catalog Number:</b> | <b>gAP-0007</b>                        |
| <b>Size:</b>           | <b>1.00 mg</b>                         |
| <b>Storage:</b>        | <b>&lt; -20° C</b>                     |
| <b>Immunogen:</b>      | <b>Mouse CD11c<sup>+</sup> T Cells</b> |
| <b>Ig Type:</b>        | <b>Armenian Hamster IgG</b>            |
| <b>Clone</b>           | <b>AP-MAB0814</b>                      |
| <b>Endotoxin Level</b> | <b>&lt; 0.002EU/μg IgG*</b>            |
| <b>Applications:</b>   | <b>FC, IP, IHC(Frozen)</b>             |

**Description:** CD11c is a 150 kD glycoprotein, also known as  $\alpha$ X integrin, CR4, or 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.

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a Hamster immunized with mouse CD11c<sup>+</sup> T cells).

**Formulation:** The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μm filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

**Reconstitution:** Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

**Specificity:** The antibody was selected for its ability to detect mouse dendritic cells, NK cells, intestinal intraepithelial lymphocytes (IEL), and some activated T cells

**\*Endotoxin Level:** Extremely low level of LPS (< 0.002EU/μg IgG)

### **Application(s):**

- |    |     |     |
|----|-----|-----|
| 1. | FC, | Yes |
| 2. | IP  | Yes |
| 3. | IHC | Yes |

**\* The antibody is produced by in vitro culture and for Research Use Only**