



11 Park Drive, Suite 12  
Boston, MA 02215

## 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.

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