

Rat monoclonal anti mouse CD11a (Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0005
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse CD11a⁺ T Cells
Ig Type:	Rat IgG2a
Clone	AP-MAB0812
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	Blocking of CD11a mediated cell adhesion

Description: CD11a is a 180 kD glycoprotein, also known as α_L integrin, LFA-1 α , Ly-15, or Ly-21. It is a member of the integrin family, primarily expressed on lymphocytes, monocytes/macrophages, and granulocytes. In association with CD18, the CD11a/CD18 complex forms LFA-1. CD11a plays an important role in intercellular adhesion and costimulation by binding its ligands, ICAM-1 (CD54), ICAM-2 (CD102), and ICAM-3 (CD50).

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a Rat immunized with mouse CD11a⁺ T cells).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μ m 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 CD11a⁺ T cells by FC.

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

Application(s):

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| 1. Blocking of CD11a mediated cell adhesion | Yes |
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* The antibody is produced by in vitro culture and for Research Use Only