

Rat monoclonal anti mouse CD205
(a Dendritic Cell Marker)
(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0066
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse lymph node stroma
Ig Type:	Rat IgG2
Clone	AP-MAB0873
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC and WB

Description: Mouse CD205, also known as DEC-205 (dendritic and epithelial cells, 205 kDa). CD205 is an integral membrane glycoprotein involved in antigen uptake, trafficking and presentation that improves the induction of antigen-specific T cell immunity. CD205 is highly expressed by CD8⁺ dendritic cells (DCs) and also expressed at different levels by bone marrow Gr1⁺ cells, Langerhans cells, (BMDC) bone marrow derived DCs and thymic epithelial cells.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with **Mouse lymph node stroma**).

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.

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

Application(s):

- 1. FC and WB**

* The antibody is produced by in vitro culture and For Research Use Only.