

Mouse monoclonal anti human CD28

(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0208
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Human Lymphocytes
Ig Type:	Mouse IgG2a
Clone	AP-MAB1608
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IF and WB

Description: Human CD28 is a 45 kDa costimulatory receptor and a member of the Ig superfamily. CD28 is expressed by thymocytes, most peripheral T cells, and NK cells. CD28 is a receptor for CD80 (B7-1) and CD86 (B7-2). Signaling through CD28 augments IL-2 and IL-2 receptor expression as well as cytotoxicity of CD3-activated T cells. gAP-0208 has been shown to stimulate the proliferation of human T cells in vitro.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with **Human lymphocytes**).

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
2. IF
3. In vitro Stimulating of T cell proliferation

* The antibody is produced by in vitro culture and for research use only