

Rat monoclonal anti mouse Thy-1.2

(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0054
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse thymus
Ig Type:	Rat IgG2
Clone	AP-MAB0861
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC and Depletion

Description: Thy-1.2 is a 25-35 kD immunoglobulin superfamily member also known as , CD90.2. It is expressed on hematopoietic stem cells and neurons, all thymocytes, and peripheral T cells in Thy1.2 bearing mouse strains (Balb/c, CBA/J, C3H/He, C57BL/-, DBA, NZB/-). Thy1.2 is a glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein involved in signal transduction. Thy1.2 is involved in costimulation of lymphocyte proliferation and induction of hematopoietic stem cells differentiation. Thy1.2 has been shown to interact with CD45.

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

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. In vitro and in vivo depletion

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