

Rat monoclonal anti human acetylcholine receptor (AChR) (Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0226
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Purified recombinant human AChR
Ig Type:	Rat IgG2a
Clone	AP-MAB1626
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC and functional assays

Description: The AChR is a heterodimeric receptor consisting of four subunits in a molar stoichiometry $\alpha 2\beta\gamma\delta$ during the early embryonic stages or after denervation and $\alpha 2\beta\epsilon\delta$ in the adult form. gAP-0226 antibody binds to the major immunogenic region of the α subunits. It has been shown to passively transfer experimental autoimmune myasthenia gravis.

Preparation: This antibody was produced from a hybridoma (rat myeloma fused with spleen cells from a rat immunized with **Purified human AChR**).

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. EAMG induction in rats
(This clone is cross reactive to rat counterpart protein)

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