

Hamster monoclonal anti mouse CD279 (PD-1) **(Azide-free & Low endotoxin)**

ORDERING INFORMATION

Catalog Number:	gAP-0032
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse PD-1 transfected cells
Ig Type:	Armenian Hamster IgG2
Clone	AP-MAB0839
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC and Blocking

Description: CD279 is a 50-55 kD immunoglobulin superfamily member, also known as programmed death-1 (PD-1). PD-1 is expressed on a subset of CD4-CD8- thymocytes, and on activated T and B cells. PD-1 is thought to be involved in lymphocyte clonal selection and peripheral tolerance. The PD-1 ligands, PD-L1 (also known as B7-H1) and PD-L2 (B7-DC), are members of the B7 immunoglobulin superfamily.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a Hamster immunized with **Mouse PD-1 transfected cells**).

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. Blocking the binding of PD-1 to its two ligands PD-L1 and PD-L2**

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