

Mouse monoclonal anti human PD-1 (CD-279) **(Azide-free & Low endotoxin)**

ORDERING INFORMATION

Catalog Number:	gAP-0224
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Fc-fusion human PD-1 protein
Ig Type:	Mouse IgG1
Clone	AP-MAB1624
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, WB, IHC and neutralization

Description: PD-1/CD279 is a cell surface membrane protein of the immunoglobulin superfamily. This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo apoptosis. Mice deficient for this gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with **Fc-fusion human PD-1 protein**).

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. WB**
- 3. IHC**
- 4. in vitro PD-1 neutralization**

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