

Rat monoclonal anti mouse B7-DC
(PD-L2, CD273)
(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0070
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse B7-DC recombinant protein
Ig Type:	Rat IgG2
Clone	AP-MAB0877
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IP, WB, and Blocking

Description: B7-DC is also called programmed death ligand 2 (PDL2). It has recently been clustered as CD273. This ligand is a 42 kD member of the immunoglobulin receptor superfamily expressed on a subset of dendritic cells, liver and a small subset of macrophages as well as a few transformed cell lines. B7-DC (CD273) has been reported to be stimulatory on dendritic cells when cross-linked and to inhibit T cell activation upon engaging the PD-1 receptor. B7-DC (CD273) has also been reported to bind to an alternative receptor and to mediate T cell activation through such non-PD1 mediated interactions.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with mouse **B7-DC recombinant 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, IP, and WB**
2. **Blocking PD-1 mediated interactions**

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