



11 Park Drive, Suite 12  
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## Rat monoclonal anti mouse B7-DC (PD-L2, CD273)

(Azide-free & Low endotoxin)

### ORDERING INFORMATION

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

**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**

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