Instructions For Use

**Specification:**
CD279 is an immunoglobulin superfamily member, also known as Programmed Cell Death 1. Programmed Cell Death 1 is expressed on a subset of CD4-CD8 thymocytes, and on activated T and B cells. Programmed Cell Death 1 is thought to be involved in lymphocyte clonal selection and peripheral tolerance. The Programmed Cell Death 1 ligands, PDL1 (also known as B7H1) and PDL2 (B7DC), are members of the B7 immunoglobulin superfamily.

**Availability:**
```
<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Contents</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>ILP 8412 C1</td>
<td>CD 279</td>
<td>1.0 ml</td>
</tr>
<tr>
<td>ILP 8412 C05</td>
<td>CD 279</td>
<td>0.5 ml</td>
</tr>
<tr>
<td>ILP 8412 C01</td>
<td>CD 279</td>
<td>0.1 ml</td>
</tr>
</tbody>
</table>
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**Intended use:** For In Vitro Diagnostic Use (IVD)

**Reactivity:** Human

**Clone:** -

**Species of origin:** Rabbit

**Isotype:** IgG

**Control Tissue:** Lymph node

**Staining:** Membrane

**Immunogen:** Synthetic peptide derived from internal region of human PD-1/CD279 protein

**Presentation:** Affinity purified rabbit polyclonal antibody in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide

**Application and suggested dilutions:**
Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH 6.0, or in 50 mM Tris buffer pH 9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:100)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilution of the antibody in 10% normal goat serum followed by a goat anti-rabbit secondary antibody based detection is recommended

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.
Reference:


