

## 36-1539: Monoclonal Antibody to PD1 / PDCD1 / CD279 (Programmed Cell Death 1)(Clone : PDCD1/922)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PDCD1/922
<b>Application :</b>	FACS,IF,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	PDCD1
<b>Gene ID :</b>	5133
<b>Uniprot ID :</b>	Q15116
<b>Format :</b>	Purified
<b>Alternative Name :</b>	PDCD1,PD1
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Recombinant full-length human PDCD1 protein

### Description

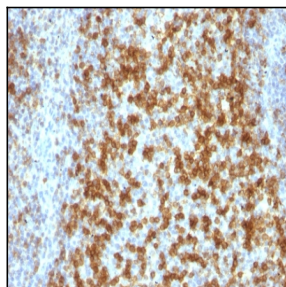
PDCD-1 (programmed cell death-1 protein), also designated CD279, is a type I transmembrane receptor and a member of the immunoglobulin gene superfamily. It is expressed on activated T-cells, B-cells, and myeloid cells. Anti-PDCD-1 is a marker of angioimmunoblastic lymphoma and suggests a unique cell of origin for this neoplasm. Unlike CD10 and BCL6, PDCD-1 is expressed by few B-cells, so anti-PDCD-1 may be a more specific and useful diagnostic marker in angioimmunoblastic lymphoma. In addition, PDCD-1 expression provides evidence that angioimmunoblastic lymphoma is a neoplasm derived from germinal center-associated T-cells.

### Product Info

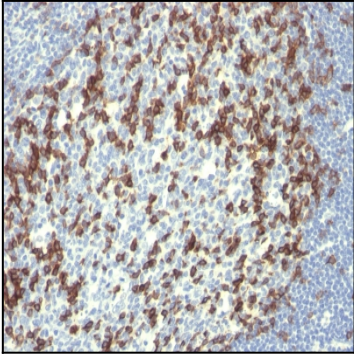
<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0 for 45 min at 95°C followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded human Tonsil stained with PD1 (CD279) Monoclonal Antibody (PDCD1/922).



Formalin-fixed, paraffin-embedded human Tonsil stained with PD1 (CD279)  
Monoclonal Antibody (PDCD1/922).