

## 12-1033: Recombinant Rabbit Monoclonal Antibody to PDCD1 / PD1 / CD279 (Programmed Cell Death 1)(Clone : PDCD1/1410R)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PDCD1/1410R
<b>Application :</b>	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>	CD279, hPD-1, hSLE1, PD1, PDCD1, Programmed Cell Death Protein 1, Protein PD-1, SLEB2, Systemic lupus erythematosus susceptibility 2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Human recombinant PDCD1 protein fragment (exact sequence is proprietary)

### 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>	20 µg / 100 µg
<b>Purification :</b>	Purified Ab with BSA and Azide at 200ug/ml
<b>Content :</b>	200ug/ml of Ab purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<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

Immunohistochemistry (Formalin-fixed) (1-2 µg/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires 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)

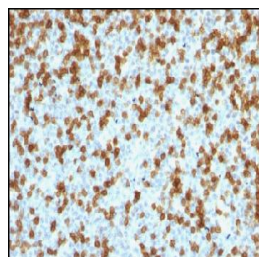


Figure 1: Formalin-fixed, paraffin-embedded human Tonsil stained with PD1 (CD279) Rabbit Recombinant Monoclonal Antibody (PDCD1/1410R).

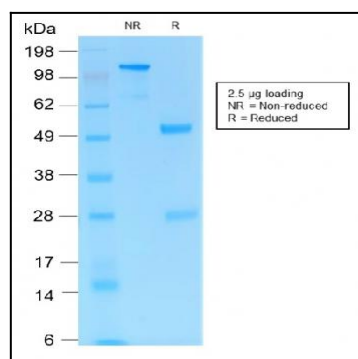


Figure 2: SDS-PAGE Analysis Purified PD1 (CD279) Rabbit Monoclonal Antibody (PDCD1/1410R).