

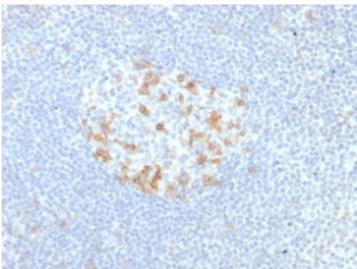
## PD1 Antibody / PDCD1 [clone PDCD1/7276R] (V4967)

Catalog No.	Formulation	Size
V4967-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4967-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4967SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

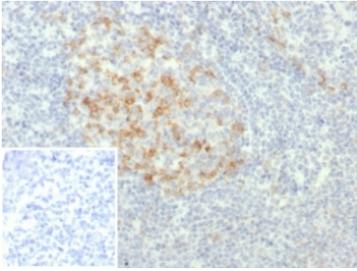
Recombinant **RABBIT MONOCLONAL**

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	PDCD1/7276R
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	Q15116
<b>Localization</b>	Cell surface, Cytoplasm
<b>Applications</b>	ELISA (Order BSA-free Format For Coating) : Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This PD1 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with PD1 (CD279) antibody (clone PDCD1/7276R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human tonsil tissue with PD1 (CD279) antibody (clone PDCD1/7276R). Inset: PBS used in place of primary Ab (secondary Ab negative control).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

## 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.

## Application Notes

Optimal dilution of the PD1 antibody should be determined by the researcher.

## Immunogen

A recombinant fragment corresponding to the extracellular domain of human PDCD1 protein was used as the immunogen for the PD1 antibody.

## Storage

Aliquot the PD1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.