

Datasheet for ABIN6940269

anti-PD-1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PD-1 (PDCD1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PD-1 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF), Staining Methods (StM), Immunostaining (Ist)

Product Details

Immunogen:	Recombinant full-length human PDCD1 protein
Clone:	PDCD1-922
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	PD-1 (PDCD1)
Alternative Name:	PDCD1 (PDCD1 Products)
Background:	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

Target Details

suggests a unique cell of origin for this neoplasm. Unlike CD10 and BCL6, PDCCD-1 is expressed by few B-cells, so anti-PDCCD-1 may be a more specific and useful diagnostic marker in angioimmunoblastic lymphoma. In addition, PDCCD-1 expression provides evidence that angioimmunoblastic lymphoma is a neoplasm derived from germinal center-associated T-cells.

Molecular Weight: 55kDa

Gene ID: 5133

UniProt: [Q15116](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: Positive Control: TY cells. Tonsil.
Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0 for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

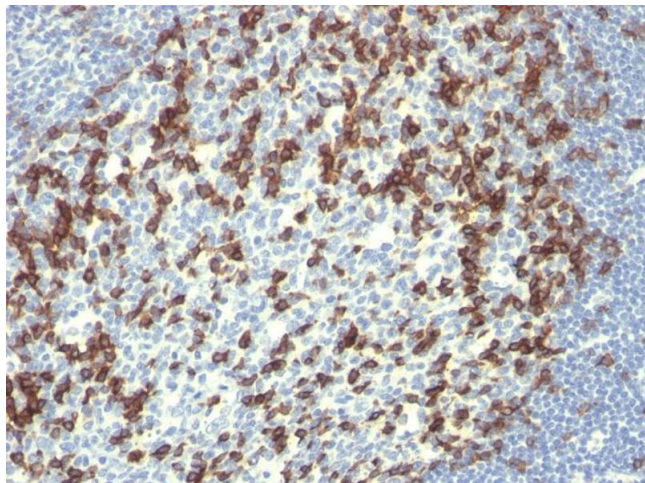
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

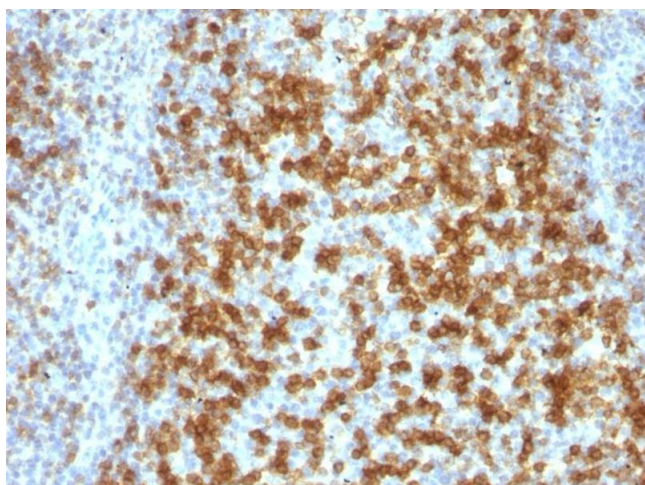
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human Tonsil stained with PD1 (CD279) Monoclonal Antibody (PDCD1/922).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Tonsil stained with PD1 (CD279) Monoclonal Antibody (PDCD1/922).