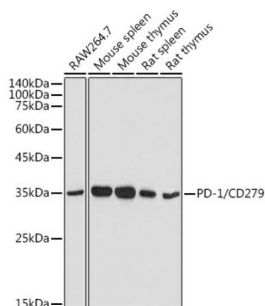
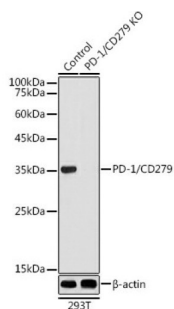


Programmed Cell Death Protein 1 (PDCD1) Antibody

Catalogue No.: abx004272



Western blot analysis of extracts of various cell lines using PD-1/CD279 Antibody (1/500 dilution).



Western blot analysis of extracts from normal (control) and PD-1/CD279 knockout (KO) 293T cells using PD-1/CD279 Antibody (1/500 dilution).

PDCD1 Antibody is a Rabbit Polyclonal antibody against PDCD1. This gene encodes a cell surface membrane protein of the immunoglobulin superfamily. This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo apoptosis. Mice deficient for this gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure. These studies suggest that this gene product may also be important in T cell function and contribute to the prevention of autoimmune diseases.

Target: Programmed Cell Death Protein 1 (PDCD1)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human PD-1/CD279

Isotype: IgG

Datasheet

Version: 3.0.0
Revision date: 03 Feb 2025



Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q15116 ([UniProt](#), [ExPASy](#))

Gene Symbol: PDCD1

GeneID: [5133](#)

OMIM: [600244](#)

NCBI Accession: NP_005009.2

KEGG: hsa:5133

String: [9606.ENSP00000335062](#)

Molecular Weight: Calculated MW: 31 kDa
Observed MW: 35 kDa

Buffer: PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

Concentration: 1 mg/ml

Note: This product is for research use only.

For Reference Only