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# (KO Validated) PD-1/CD279 Polyclonal Antibody

Catalog Number: E-AB-93382



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

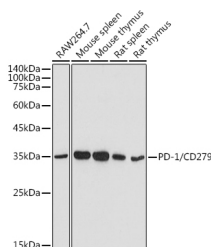
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein of human PD-1/CD279
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Applications Recommended Dilution

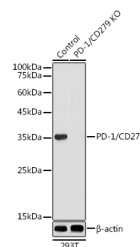
<b>WB</b>	1:500-1:2000
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## Data



Western blot analysis of extracts of various cell lines using PD-1/CD279 Polyclonal Antibody at 1:500 dilution.

**Observed Mw: 35kDa**  
**Calculated Mw: 31kDa**



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

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze/thaw cycles.

## Background

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.

## For Research Use Only

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