

## PDCD1

**Reactivity:**Human

**Tested applications:**WB IHC FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 FC 1:20 - 1:50

**Calculated MW:**32kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PDCD1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

b

**Synonym:**

PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I;

**Catalog #:**A5584

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5133

**Isotype:**IgG

**Swiss Prot:**Q15116

**Purity:**Affinity purification

For research use only.

**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.

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