

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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