
Product Name: PD1 Mouse Monoclonal Antibody**Catalog #: AMM82387**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	31.6kDa

Antigen Information

Gene Name	PD1
Alternative Names	PDCD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1
Gene ID	5133.0
SwissProt ID	Q15116
Immunogen	Purified recombinant fragment of human PD1 (AA: 192-288) expressed in E. Coli.

Background

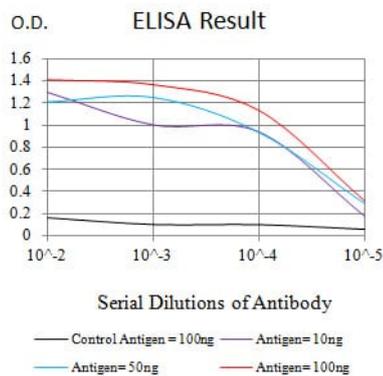
This gene encodes a cell surface membrane protein of the immunoglobulin superfamily. This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes 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.

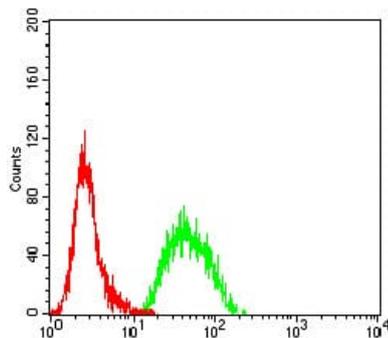
Research Area

Apoptosis

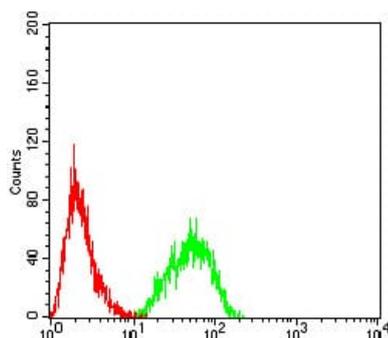
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of HeLa cells using PD1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of HeLa cells using PD1 mouse mAb (green) and negative control (red).