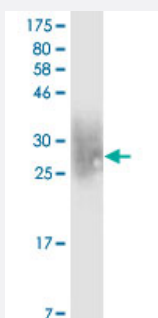


PDCD1 monoclonal antibody (M03), clone 6B10

Catalog # H00005133-M03

Size 100 ug

Applications



Western Blot detection against Immunogen (18.59 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PDCD1.
Immunogen	PDCD1 (AAH74740.1, 22 a.a. ~ 170 a.a) partial recombinant protein.
Sequence	GWFLDSPDRPWNPPTFSPALLVTEGDNATFTCSFSNTSESFVLNWYRMSPSNQTDKLAAPFE DRSQPGQDCRFRTQLPNGRDFHMSVVRARRNDSTYLCAISLAPKAQIKESLRAELRVTER AEVPTAHPSPSPRPAGQFQTLV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (62); Rat (67)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (18.59 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PDCD1

Entrez GeneID [5133](#)

GeneBank Accession# [BC074740.2](#)

Protein Accession# [AAH74740.1](#)

Gene Name PDCD1

Gene Alias CD279, PD1, SLEB2, hPD-1, hPD-I

Gene Description programmed cell death 1

Omim ID [152700 600244](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations -

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

- [T cell receptor signaling pathway](#)

Disease

- [Addison Disease](#)
- [Alveolitis](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Carcinoma](#)
- [Choriocarcinoma](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hydatidiform Mole](#)
- [Inflammation](#)
- [Kidney Diseases](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neovascularization](#)

- [Polyendocrinopathies](#)
- [Spondylitis](#)
- [Uterine Cervical Neoplasms](#)
- [Uveomeningoencephalitic Syndrome](#)
- [Vasculitis](#)
- [Wegener Granulomatosis](#)