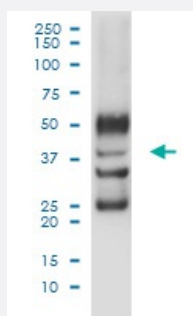


PDCD1 monoclonal antibody (M21), clone 5F5

Catalog # H00005133-M21

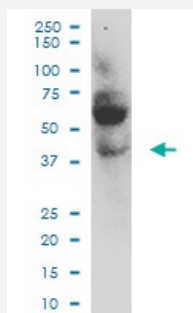
Size 100 ug

Applications



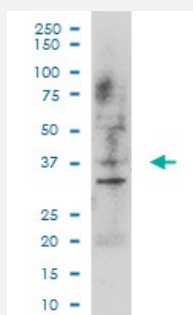
Western Blot (Tissue lysate)

PDCD1 monoclonal antibody (M21), clone 5F5. Western Blot analysis of PDCD1 expression in mouse heart.



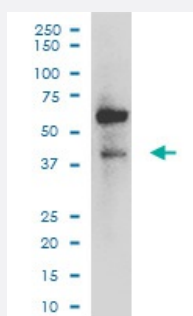
Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M21), clone 5F5. Western Blot analysis of PDCD1 expression in Raji.



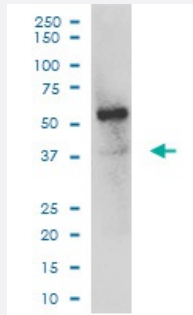
Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M21), clone 5F5. Western Blot analysis of PDCD1 expression in NIH/3T3.



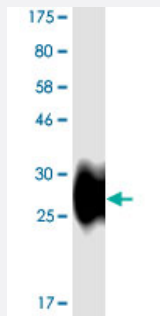
Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M21), clone 5F5. Western Blot analysis of PDCD1 expression in MOLT4.



Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M21), clone 5F5. Western Blot analysis of PDCD1 expression in Jurkat.



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	GWFLDSPDRPWNPPTFSPALLVVTEGDNATFTCSFSNTSESFVLNWYRMSPSNQTDKLAAPFE DRSQPGQDCRFVRTQLPNGRDFHMSVVRARRNDSGTYLCGAISLAPKAQIKESLRAELRVTER 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 (Tissue lysate)

PDCD1 monoclonal antibody (M21), clone 5F5. Western Blot analysis of PDCD1 expression in mouse heart.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M21), clone 5F5. Western Blot analysis of PDCD1 expression in Raji.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M21), clone 5F5. Western Blot analysis of PDCD1 expression in NIH/3T3.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M21), clone 5F5. Western Blot analysis of PDCD1 expression in MOLT4.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M21), clone 5F5. Western Blot analysis of PDCD1 expression in Jurkat.

[Protocol Download](#)

- 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 number 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](#)