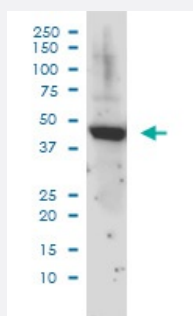


PDCD1 monoclonal antibody (M68), clone 2B5

Catalog # H00005133-M68

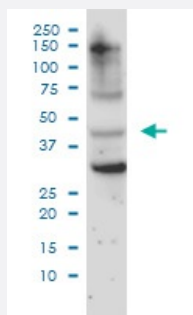
Size 100 ug

Applications



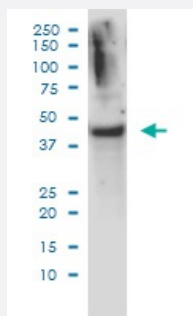
Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in Jurkat.



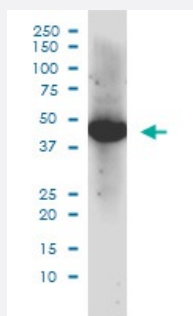
Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in NIH/3T3.



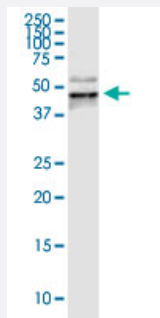
Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in HL-60.



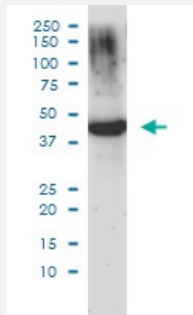
Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in Raji.



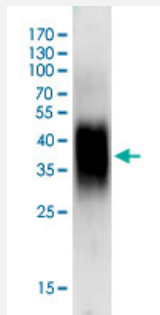
Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in SK-BR-3.



Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in MOLT4.



Western Blot detection against Immunogen (19.47 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 with GST tag.
Sequence	GWFLDSPDRPWNPTTFSPALLVVTEGDNATFTCSFSNTSESFVLNWYRMSPSNQTDKLAAPFE DRSQPGQDCRFRVTQLPNGRDFHMSVVRARRNDSGYLCGAISLAPKAQIKESLRAELRVTER AEVPTAHPSPSPRPAGQFQTLV
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (19.47 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 (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in Jurkat.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in NIH/3T3.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in HL-60.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in Raji.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in SK-BR-3.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDCD1 monoclonal antibody (M68), clone 2B5. Western Blot analysis of PDCD1 expression in MOLT4.

[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 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](#)