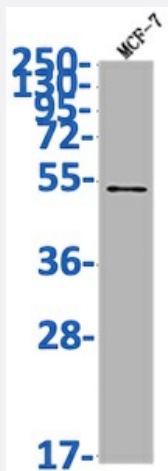


RecomAb™

PDCD1 recombinant monoclonal antibody, clone 8E9

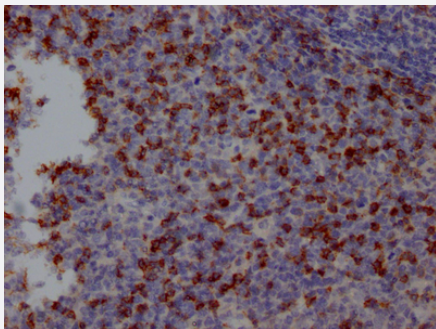
Catalog # RAB04095 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: MCF-7 whole cell lysate.



Immunohistochemistry

Immunohistochemistry image of PD CD1 recombinant monoclonal antibody, clone 8E9 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PD CD1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human PD CD1.
Reactivity	Human

Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: MCF-7 whole cell lysate.

- Immunohistochemistry

Immunohistochemistry image of PDCC1 recombinant monoclonal antibody, clone 8E9 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PDCC1

Entrez GeneID	5133
Protein Accession#	Q15116
Gene Name	PDCC1
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](#)