



Rabbit Anti-Human PD1 monoclonal antibody, clone TK12-02 (DCABH-3351)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	PD1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TK12-02
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Cellular Localization	Membrane.
Positive Control	Human tonsil tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw

BACKGROUND

Introduction

Pdcd-1 (Programmed Cell Death-1 protein), also designated CD279, is a type I transmembrane receptor and a member of the immunoglobulin gene superfamily. Pdcd-1 contains an immunoreceptor tyrosine-based inhibitory motif (ITIM) within the cytoplasmic domain, which is conserved between the mouse and human homologs. Expression of Pdcd-1 is detected in mouse thymus, and it is induced in stimulated B and T cell lines, where it may play a role in the negative regulation of various immune responses. Receptors such as Pdcd-1 function by recruiting tyrosine phosphatases, including SHP-1 and SHIP, which are responsible for altering various B cell responses. Additionally, in activated lymphocytes, Pdcd-1 mediates the activation of the classical type of programmed cell death.

Keywords

CD279;CD279 antigen;hPD 1;hPD I;hPD-1;hSLE1;PD 1;PD-1;PD1;PDCD 1;PDCD1;PDCD1_HUMAN;Programmed cell death 1;Programmed cell death 1 protein;Programmed cell death protein 1;Protein PD 1;Protein PD-1;SLEB2;Systemic lupus erythematosus susceptibility 2 antibody

GENE INFORMATION

Entrez Gene ID

[5133](#)

UniProt ID

[Q15116](#)
