

产品概述

产品名 (Product Name)	PD-1 mouse monoclonal antibody
货号 (Catalog No.)	ATDA00108
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	This antibody detects endogenous levels of human PD-1. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin section
应用实验 (Tested applications)	WB,IHC-p
克隆性 (Clonality)	Monoclonal
免疫原 (Immunogen)	Synthesized peptide derived from human PD-1.
别名	Programmed cell death protein 1,Protein PD-1,hPD-1,CD antigen CD279
Uniprot ID	Q15116

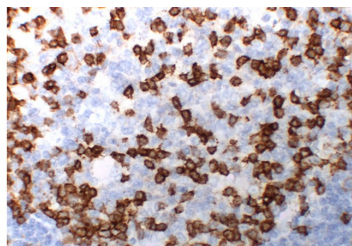
产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
存放条件 (Storage)	Stored at -20°C.Avoid repeated freeze-thaw cycles.
浓度 (Concentration)	1 mg/ml
亚型 (Isotype)	IgG1,Kappa

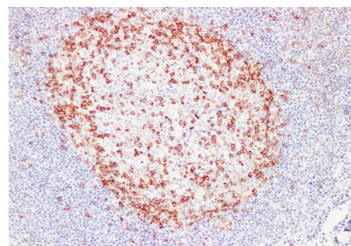
应用

WB:1:500-1:2000;IHC-p:1:100-1:500

产品实验图片



Immunohistochemical analysis of paraffin-embedded Tonsil. 1, Anti-body was diluted at 1:200(4 °C overnight). 2, Citric acid ,pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min).



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产品背景

Programmed cell death 1(PDCD1) Homo sapiens 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.