

PD-1/CD279 Monoclonal Antibody

Catalog No. E-AB-71087

Note: Centrifuge before opening to ensure complete recovery of vial contents.

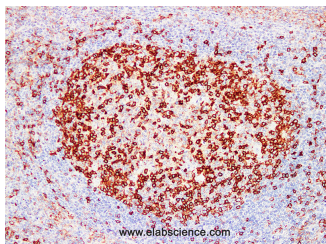
Description

Reactivity	Human
Immunogen	Full length protein from eukaryotic expression system.
Host	Mouse
Isotype	IgG
Clone	LE0212
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Applications Recommended Dilution

IHC 1:100-1:200

Data



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human tonsil tissue using PD-1/CD279 Monoclonal Antibody with Cat#E-AB-71087 at dilution of 1:200.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

PDCD1 (Programmed Cell Death 1) is a cell surface membrane protein of the immunoglobulin superfamily. It 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. Diseases associated with PDCD1 include Systemic Lupus Erythematosus 2 and Multiple Sclerosis, Disease Progression, Modifier Of. Among its related pathways are Innate Immune System and CD28 co-stimulation.

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