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36-2906: Anti-PDCD1 / PD1 / CD279 (Programmed Cell Death 1) Monoclonal Antibody(Clone: PDCD1/1410R)

Clonality: Monoclonal
Clone Name: PDCD1/1410R

Application: IHC

Reactivity: Human

Gene: PDCD1

Gene ID: 5133

Uniprot ID: Q15116

Alternative Name: CD279; hPD-1; hSLE1; PD1; PDCD1; Programmed Cell Death Protein 1; Protein PD-1; SLEB2;

Systemic lupus erythematosus susceptibility 2

Isotype: Rabbit IgG

Immunogen Information: Recombinant human full-length PDCD1 protein

Description

PDCD-1 (programmed cell death-1 protein), also designated CD279, is a type I transmembrane receptor and a member of the immunoglobin gene superfamily. It is expressed on activated T-cells, B-cells, and myeloid cells. Anti-PDCD-1 is a marker of angioimmunoblastic lymphoma and suggests a unique cell of origin for this neoplasm. Unlike CD10 and BCL6, PDCD-1 is expressed by few B-cells, so anti-PDCD-1 may be a more specific and useful diagnostic marker in angioimmunoblastic lymphoma. In addition, PDCD-1 expression provides evidence that angioimmunoblastic lymphoma is a neoplasm derived from germinal center-associated T-cells.

Product Info

Amount : 20 μg / 100 μg

Content: 200 μg/ml of Ab Purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide.

Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage condition:

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is

stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)

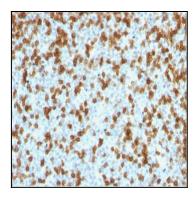


Fig. 1: Formalin-fixed, paraffin-embedded human Tonsil stained with PD1 (CD279) Rabbit Recombinant Monoclonal Antibody (PDCD1/1410R).



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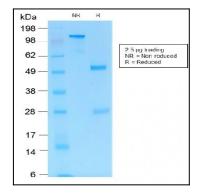


Fig. 2: SDS-PAGE Analysis Purified PD1 (CD279) Rabbit Monoclonal Antibody (PDCD1/1410R). Confirmation of Integrity and Purity of Antibody.