

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

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| 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 immunoglobulin 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

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| 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)

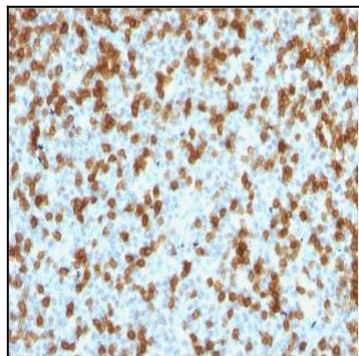


Fig. 1: Formalin-fixed, paraffin-embedded human Tonsil stained with PD1 (CD279) Rabbit Recombinant Monoclonal Antibody (PDCD1/1410R).

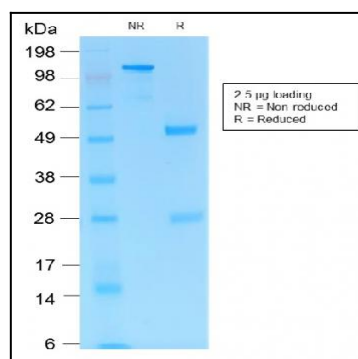


Fig. 2: SDS-PAGE Analysis Purified PD1 (CD279) Rabbit Monoclonal Antibody (PDCD1/1410R). Confirmation of Integrity and Purity of Antibody.