

PD-1 clone NAT105

Instructions for Use

Specification:

PDCD-1 (Programmed cell death-1 protein), also designated CD279m is a type I transmembrane receptor and 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 suggest a unique cell of origin for this neoplasm. Unlike CD10 and BCL6, PDCD-1 is expressed by few B-cells, so anti-PDCD-1 expression provides evidence that angioimmunoblastic lymphoma is a neoplasm derived from germinal center-associated T-cells.

Availability:

Catalog No.	Contents	Volume
ILM3153-C01	PD-1	0,1 ml concentrate
ILM3153-C05	PD-1	0,5 ml concentrate
ILM3153-C1	PD-1	1,0 ml concentrate

Intended use: For Research Use Only

Reactivity: Human

Clone: NAT105

Species of origin: Mouse

Isotype: IgG1, Kappa

Control Tissue: Lymph node, Tonsil

Staining: Cytoplasmic

Presentation: Bioreactor Concentrate with 0.05% BSA % 0.05% Azide.

Application and suggested dilutions:

Pre-treatment: Heat induced epitope retrieval in 50 mM Tris buffer pH9.5, for 15 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:25-1:100)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

- Roncador, G., Verdes-Montenegro, J.F.G., S., Paterson, J.C., Klapper W., Ballabio, E., Maestre, L., Pileri, S., Hansmann, M.L., Piris M.A., Mason, D.Y., Marafioti, T. Expression of two markers of germinal center T cells (SAP and PD-1) in angioimmunoblastic T-cell lymphoma Haematologica.

