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## 10-2001: Recombinant Human PD-1 rabbit monoclonal Antibody (Clone: ABMRR01)

Monoclonal Clonality: **Clone Name:** ABMRR01 FACS.WB Application: Reactivity: Human Gene: PDCD1 Gene ID: 5133 **Uniprot ID:** Q15116 **Purified** Format:

Alternative Name: PDCD1, PD1, CD279

**Isotype:** Rabbit IgG

## **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 :**  $25 \mu g / 100 \mu g$ 

**Purification:** Protein A Chromatography

**Content:** 100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

**Storage condition :** Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

FACS: 0.5-1 μg/10<sup>6</sup>, WB: 1-2 μg/ml



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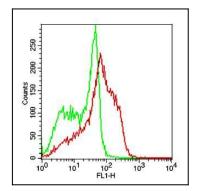


Fig-1: Cell surface flow analysis of Rabbit recombinant hPD-1 antibody in PHA treated PBMC (Lymphocyte gated) using 0.5  $\mu$ g/10^6 cells of Rabbit recombinant hPD-1 antibody (Clone:ABMRR01). Green represent isotype control and red represent Rabbit recombinant hPD-1 antibody. Goat anti rabbit FITC conjugate was used as secondary antibody.

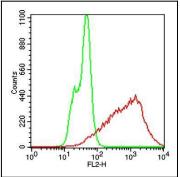


Fig-2: Cell surface flow analysis of Rabbit recombinant h PD-1 antibody in CHO-PD1 transfected cell line using 0.2  $\mu$ g/10^6 cells of Rabbit recombinant hPD-1 antibody (Clone: ABMRR01). Green represent CHO/K1 cells and red represent Rabbit recombinant hPD-1 antibody. Goat anti rabbit PE conjugate was used as secondary antibody.

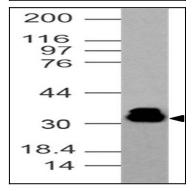


Fig-3: Western blot analysis of Rabbit recombinant hPD-1 antibody. Anti-Rabbit recombinant hPD-1 antibody was tested at  $1 \mu g/ml$  in Jurkat cell lysate