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## 44-1068: Anti-PD-1 Monoclonal Antibody (Clone:IHC001)-Ready to Use

Clonality: Monoclonal **Clone Name:** IHC001 IHC Application: Reactivity: Human Gene: PDCD1 Gene ID: 5133 **Uniprot ID:** Q15116 PDCD1,PD1 **Alternative Name:** Isotype: Mouse IgG2b

Immunogen Information: Recombinant human His-PD1

## **Description**

"Programmed Death 1 (PD-1) is a member of the CD28/CTLA-4 family of T-cell regulators, expressed as a co-receptor on the surface of activated T-cells, B-cells, and macrophages. New studies have suggested that the PD-1/PD-L1 signaling pathway may be linked to anti-tumor immunity, as PD-L1 has been shown to induce apoptosis of activated T cells or inhibit activity of cytotoxic T cells. In comparison to CD10 and Bcl-6, PD-1 is expressed by fewer B cells and has therefore been considered a more specific marker for angioimmunoblastic T-cell lymphoma. Therapies targeted toward the PD-1 receptor have shown remarkable clinical responses in patients with various types of cancer, including non-small-cell lung cancer, melanoma, and renal-cell cancer."

## **Product Info**

Amount: 7 ml

**Purification:** Protein A/G Chromatography

Content: Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide

**Storage condition :** Store at 2°C - 8°C. Do not freeze.

## **Application Note**

This product is available in ready to use format, hence no dilution is required.



Figure 1: Immunohistochemical analysis of PD-1 (Clone: IHC001) on Tonsil