

## 44-1067: Anti-PD-1 Monoclonal Antibody (Clone:IHC001)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC001
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	PDCD1
<b>Gene ID :</b>	5133
<b>Uniprot ID :</b>	Q15116
<b>Format :</b>	Purified
<b>Alternative Name :</b>	PDCD1,PD1
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 ml / 0.5 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Content :</b>	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
<b>Storage condition :</b>	Store at 2°C - 8°C. Do not freeze.

### Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

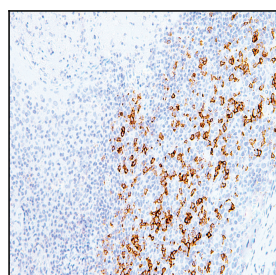


Figure 1: Immunohistochemical analysis of PD-1 (Clone: IHC001) on Tonsil