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## 44-1069: Anti-PD-L1 Rabbit Monoclonal Antibody (Clone:IHC411)

Clonality: Monoclonal **Clone Name:** IHC411 IHC Application: Reactivity: Human Gene: CD274 Gene ID: 29126 **Uniprot ID:** Q9NZQ7 **Purified** Format: Rabbit IgG Isotype:

Immunogen Information: Recombinant Human PD-L1

## **Description**

"Programmed Death-Ligand 1 (PD-L1), also known as CD274 or B7 Homolog 1 (B7-H1), is a transmembrane protein involved in suppressing the immune system and rendering tumor cells resistant to CD8+ T cell-mediated lysis through binding of the Programmed Death-1 (PD-1) receptor. Overexpression of PD-L1 may allow cancer cells to evade the actions of the host immune system. In renal cell carcinoma, upregulation of PD-L1 has been linked to increased tumor aggressiveness and risk of death, and, in ovarian cancer, higher expression of this protein has lead to significantly poorer prognosis. PD-L1 has also been linked to systemic lupus erythematosus and cutaneous melanoma. When considered in adjunct with CD8+ tumor-infiltrating lymphocyte density, expression levels of PD-L1 may be a useful predictor of multiple cancer types, including stage III non-small cell lung cancer, hormone receptor negative breast cancer, and sentinel lymph node melanoma."

## **Product Info**

**Amount:** 0.1 ml / 0.5 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**

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

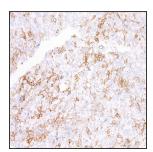


Figure 1: Immunohistochemical analysis of PD-L1 (Clone: IHC411) on Lung