

Product datasheet

anti-PD-L1 rabbit monoclonal, IHC411, purified

Short overview

Cat. No.	691736
Quantity	1 ml

Product description

Host	Rabbit
Antibody Type	Monoclonal
Isotype	IgG
Clone	IHC411
Immunogen	Recombinant Human PD-L1
Formulation	Tris pH 7.3-7.7 with 1% BSA and 0.09% sodium azide
UniprotID	Q9NZQ7 (Human)
Synonym	Programmed cell death 1 ligand 1, PD-L1, PDCD1 ligand 1, Programmed death ligand 1, hPD-L1, B7 homolog 1, B7-H1, CD antigen CD274, CD274, B7H1, PDCD1L1, PDCD1LG1, PDL1
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	IHC
Reactivity	Human

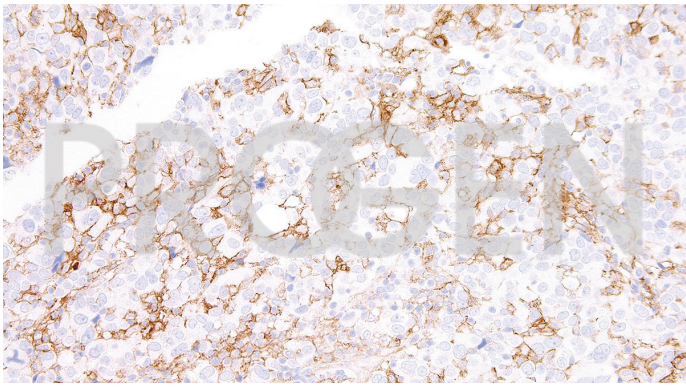
Applications

Immunohistochemistry (IHC) - paraffin	1:50-1:200 (microwave treatment recommended)
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Background

Programmed Death-Ligand 1 (PD-L1), CD274, or B7 Homolog 1 (B7-H1), is a transmembrane protein involved in suppressing the immune system and rendering tumour cells resistant to 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 tumour aggressiveness and risk of death. When considered in adjunct with CD8+ tumour-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 images



Lung