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32-9620: Recombinant Human Cell Death 1 Ligand 1/PD-L1/B7-H1/CD274 (C-His, variant)

Alternative Name :	Programmed cell death 1 ligand 1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7 homolog 1; B7-H1; CD274,Skin cancer, gastric cancer, liver cancer, Urothelial cancer, Lung cancer, melanoma, non-small cell lung cancer, NSCLC, cancer, tumor

Description

Source : Human Cells;
CD274, also known as B7-H1 or programmed death ligand 1 (PD-L1), is a 40 kD type I transmembrane protein and a member of the B7 family within the immunoglobulin receptor superfamily. Programmed death-1 ligand-1 (PD-L1, CD274, B7-H1) has been identified as the ligand for the immunoinhibitory receptor programmed death-1(PD1/PDCD1) and has been demonstrated to play a role in the regulation of immune responses and peripheral tolerance. By binding to PD1 on activated T-cells and B-cells, PD-L1 may inhibit ongoing T-cell responses by inducing apoptosis and arresting cell-cycle progression. Accordingly, it leads to growth of immunogenic tumor growth by increasing apoptosis of antigen specific T cells and may contribute to immune evasion by cancers. PD-L1 thus is regarded as promising therapeutic target for human autoimmune disease and malignant cancers.

Product Info

Amount : 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4

Amino Acid : Recombinant Human Programmed Cell Death 1 Ligand 1 is produced by our Mammalian expression system and the target gene encoding Phe19-Thr239 is expressed with a 6His tag at the C-terminus.