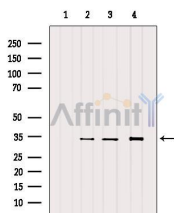


## PD-L1 Ab

[References\(16\)](#) [Images\(13\)](#)

Cat.#: DF6526	Concn.: ~1mg/ml	Mol.Wt.: 33kDa, 40~70kD(Glycosylated)
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human, Mouse, Rat	
Storage:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human CD274, corresponding to a region within the internal amino acids.	
Uniprot:	Q9NZQ7	
Description:	Programmed cell death ligand 1 (CD274, or B7-H1, PD-L1), is the first member of B7 family to be discovered. B7 family molecules are type I transmembrane proteins belonging to the immunoglobulin superfamily. In concert with their CD28 family receptors, the B7s are key regulators of the adaptive immune response. CD274 is suggested a negative regulator of T and B cell, and play important role in mediating tolerance of lymphocytes to self-antigens. It also involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PDCD1-independent manner.	



Western blot analysis of extracts from various samples, using CD274 Ab.

Lane 1: B16F10 treated with blocking peptide;

Lane 2: B16F10;

Lane 3: Rat lung;

Lane 4: MCF7.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.