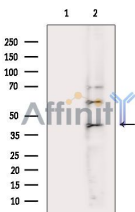


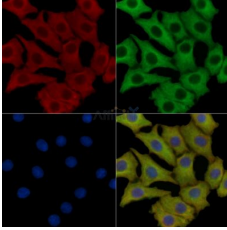
PD-L1 Mouse Monoclonal Ab

[Images\(2\)](#)

Cat.#: BF8035	Concn.: ~1mg/ml	Mol.Wt.: 33kDa, 40~70kD(Glycosylated)
Size: 100ul	Source: Mouse	Clonality: Monoclonal
Application:	IF/ICC 1:100-1:500, WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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:	Affinity-chromatography.	
Immunogen:	A synthesized peptide derived from human CD274, corresponding to a region within the internal amino acids.	
Uniprot:	Q9NZQ7	
Description:	<p>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.</p>	



Western blot analysis of extracts from mc-3T3-e1 cells(heat-shock treatment), the lane on the left was treated with blocking peptides.



BF8035 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(#BF8035) and rabbit anti-beta tubulin Ab(#AF7011) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-mouse IgG Ab(Red) and an AlexaFluor488 conjugated goat anti-rabbit IgG Ab(Green) were used as the secondary Ab.

The nuclear counter stain is DAPI (blue).

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.

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