

## Anti-PD-L1 Rabbit pAb



WL02778

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-PD-L1 Rabbit pAb		
<b>Source</b>	Rabbit		
<b>Species reactivity</b>	Human, Mouse, Rat		
<b>Tested applications</b>	WB	1:1000-1:2000	
<b>Pack size</b>	50/100/200/500/1000µl		
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>		
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

## General Information

<b>Background</b>	Programmed death-ligand 1 (PD-L1) also known as cluster of differentiation 274 (CD274) or B7 homolog 1 (B7-H1) is a protein that in humans is encoded by the CD274 gene. The binding of PD-L1 to PD-1 or B7.1 transmits an inhibitory signal which reduces the proliferation of these CD8 <sup>+</sup> T cells at the lymph nodes and supplementary to that PD-1 is also able to control the accumulation of foreign antigen specific T cells in the lymph nodes through apoptosis which is further mediated by a lower regulation of the gene Bcl-2. It appears that upregulation of PD-L1 may allow cancers to evade the host immune system.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PD-L1.
<b>Purification</b>	Polyclonal antibody was purified by Protein A affinity chromatography.

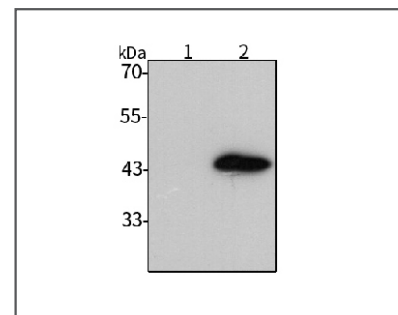
## Anti-PD-L1 Rabbit pAb



WL02778

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Images



## Western blot-Anti-PD-L1 pAb

**Lane 1:** Human untreated A549 cell lysate  
**Lane 2:** Human IFN  $\gamma$  treated A549 cell lysate  
**All lanes:** Anti-PD-L1 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 33 kDa  
 Observed band size: 40-60 kDa