

**PDL2 Antibody [8C12]**  
**Catalog # ASC12131****Specification**

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**PDL2 Antibody [8C12] - Product Information**

Application	WB, IHC-P, IF, ICC, E
Primary Accession	<a href="#">P9BQ51</a>
Other Accession	<a href="#">NP_079515</a>
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	Predicted: 30 kDa
	Observed: 38 kDa KDa

**PDL2 Antibody [8C12] - Additional Information**

Gene ID	80380
Alias Symbol	PDCD1LG2

**Other Names**

PD-L2 Antibody: B7DC, Btdc, PDL2, CD273, PD-L2, PDCD1L2, bA574F11.2, B7DC, Programmed cell death 1 ligand 2, Butyrophilin B7-DC, PD-1 ligand 2

**Reconstitution & Storage**

PD-L2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

**Precautions**

PDL2 Antibody [8C12] is for research use only and not for use in diagnostic or therapeutic procedures.

**PDL2 Antibody [8C12] - Protein Information****PDL2 Antibody [8C12] - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PDL2 Antibody [8C12] - Images****PDL2 Antibody [8C12] - Background**

PD-L2 Antibody: Cell-mediated immune responses are initiated by T lymphocytes that are themselves stimulated by cognate peptides bound to MHC molecules on antigen-presenting cells (APC). T-cell activation is generally self-limited as activated T cells express receptors such as PD-1 (also known as PDCD-1) that mediate inhibitory signals from the APC. PD-1 can bind two different but related ligands, PD-L1 and PD-L2, both of which are thought to act as a negative regulator of T cell activation. However, it has been suggested that PD-L2 can act to stimulate an immunogenic response through an alternative receptor from PD-1.

**PDL2 Antibody [8C12] - References**

Hollings TM, Schooten E, and van Den Elsing PJ. Function and regulation of MHC class II molecules in T-lymphocytes: of mice and men. Hum. Immunol. 2004; 65:282-90. Ishida Y, Agata Y, Shibahara K, et al. Induced expression of PD-1, a novel member of the immunoglobulin gene superfamily, upon programmed cell death. EMBO J. 1992; 11:3887-95. LaGier J and Pober JS. Immune accessory functions of human endothelial cells are modulated by overexpression of B7-H1 (PDL1). Hum. Immunol. 2006; 67:568-78. Zhang Y, Chung Y, Bishop C, et al. Regulation of T cell activation and tolerance by PDL2. Proc. Natl. Acad. Sci. USA 2006; 103:11695-700.