

PDL2 Antibody [4E10]
Catalog # ASC12130**Specification**

PDL2 Antibody [4E10] - Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	P9BQ51
Other Accession	NP_079515
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	Predicted: 30 kDa
	Observed: 38 kDa KDa

PDL2 Antibody [4E10] - 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 [4E10] is for research use only and not for use in diagnostic or therapeutic procedures.

PDL2 Antibody [4E10] - Protein Information**PDL2 Antibody [4E10] - 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 [4E10] - Images**PDL2 Antibody [4E10] - 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 [4E10] - 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.