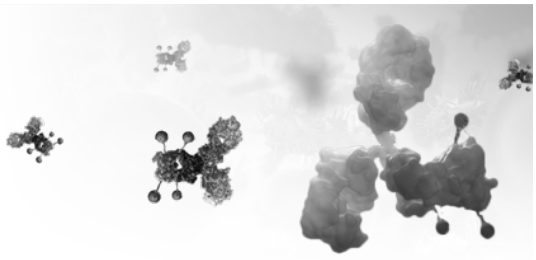

Human Anti-Human PD-L1 (Atezolizumab) Monoclonal Antibody, clone Atezolizumab [Biosimilar] (CABT-Z660H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Biosimilar Recombinant Human Monoclonal Antibody
Immunogen	Human PD-L1
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	Atezolizumab
Purification	Protein A purified
Conjugate	Functional Grade
Applications	FC, WB
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.0. Endotoxin Level ≤ 1.0 EU/mg as determined by the LAL method.
Preservative	None
Storage	The antibody solution should be stored at the stock concentration at 4°C. Do not freeze.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Ship	Wet ice

BACKGROUND

Introduction	PD-L1 (programmed death ligand 1) also known as B7-H1 or CD274. PD-L1 is a 40 kDa type I transmembrane protein that belongs to the B7 family of the Ig superfamily. PD-L1 is expressed on T lymphocytes, B lymphocytes, NK cells, dendritic cells, as well as IFNγ stimulated monocytes, epithelial cells and endothelial cells. PD-L1 binds to its receptor, PD-1, found on CD4 and CD8 thymocytes as well as activated T and B lymphocytes and myeloid cells. Engagement of PD-L1 with PD-1 leads to inhibition of TCR-mediated T cell proliferation and cytokine production. PD-L1 is thought to play an important role in tumor immune evasion. Induced PD-L1 expression is common in many tumors and results in increased resistance of tumor cells to CD8 T cell mediated lysis.
Keywords	CD274;CD274 molecule;B7-H;PDL1;PD-L1

GENE INFORMATION

Gene Name	CD274
Entrez Gene ID	29126
UniProt ID	Q9NZQ7

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221