

Anti-Human PD-L1 (Atezolizumab)

IVMB0396

Description

This Anti-Human PD-L1 (Atezolizumab) is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	IVMB0396
Contents:	100 mg, 50 mg, 25 mg, 5.0 mg, 1.0 mg
Bradford Reagent:	1 vial (2ml)
Synonyms:	Programmed Death Ligand 1, B7-H1, PD-L1, CD274
Category:	Recombinant Biosimilar Antibody
Target:	PD-L1
Clone:	RG7446
Isotype:	Human IgG
Applications:	FC
Specificity:	Atezolizumab (RG7446; INN or code name MPDL3280A) activity is directed against PD-L1 (CD274) and B7.1 (CD80).

Antibody Data

Reactivity:	Human
Host species:	Human
Expression Host:	HEK-293 Cells
Immunogen:	Unknown
Product concentration:	Refer to the label of the product
Endotoxin Level:	< 1.0 EU/mg as determined by the LAL method
Formulation:	This biosimilar antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Preparation & Storage

Storage:	Functional grade biosimilar antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Preparation:	Recombinant biosimilar antibodies are manufactured in an animal free facility using only in vitro protein free cell culture techniques and are purified by a

multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

**Protein Quantification
(Optional):**

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol