

Humanized anti-Human Atezolizumab Monoclonal Antibody | anti-PD-L1 antibody

Atezolizumab Biosimilar - Research Grade

CATALOG # AAA197049	HOST Humanized	REACTIVITY Human
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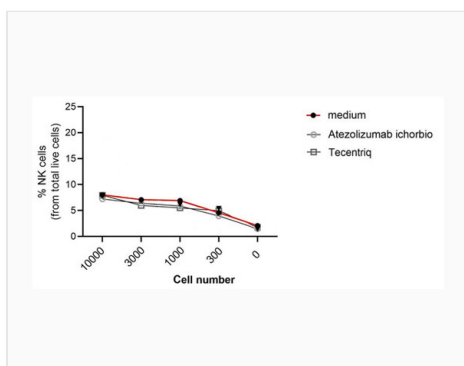
PRODUCT SYNONYMS

Atezolizumab; Monoclonal Antibody; Atezolizumab Biosimilar - Research Grade; Programmed cell death 1 ligand 1; Cd274; PDCD1 ligand 1; Programmed death ligand 1; B7 homolog 1; B7-H1; B7h1; Pdcd1l1; Pdcd1lg1; Pdl1; PDL-1; anti-PD-L1 antibody

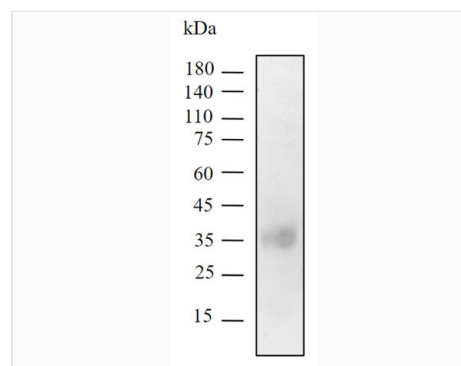
PRODUCT SPECIFICATIONS

Host	Humanized
Reactivity	Human
Clonality	Monoclonal
Isotype	Human IgG1 Kappa
Specificity	Detects human PDL-1. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Atezolizumab.
Purity/Purification	>95% by SDS-PAGE and HPLC This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Form/Format	Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.
Concentration	1.0-5.0mg/ml (varies by lot)
Endotoxin	<= 0.75 EU/mg as determined by the LAL method
Preparation and Storage	Stable for at least one week when stored sterile at 2-8 degree C. For long term storage aseptically aliquot in working volumes without diluting and store at -80 degree C. Avoid Repeated Freeze Thaw Cycles.

IMAGES



Application Data



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PD-L1 antibody	Atezolizumab biosimilar is an Fc-engineered, humanized, monoclonal antibody that binds to PD-L1 and blocks interactions with the PD-1 and B7.1 receptors. Atezolizumab biosimilar is a non-glycosylated IgG1 kappa immunoglobulin that has a calculated molecular mass of 145 kDa.
Product Categories/Family for anti-PD-L1 antibody	Low endotoxin; biosimilar antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	390979639
NCBI GeneID	29126
NCBI Accession #	NP_001254635.1
NCBI GenBank Nucleotide #	NM_001267706.1
UniProt Accession #	Q9NZQ7; Q14CJ2; Q2V8D5; Q66RK1; Q6WEX4; Q9NUZ5; B2RBA2; B4DU27
Molecular Weight	33,275 Da
NCBI Official Full Name	programmed cell death 1 ligand 1 isoform b
NCBI Official Synonym Full Names	CD274 molecule
NCBI Official Symbol	CD274
NCBI Official Synonym Symbols	B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1
NCBI Protein Information	programmed cell death 1 ligand 1; B7 homolog 1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1
UniProt Protein Name	Programmed cell death 1 ligand 1
UniProt Gene Name	CD274
UniProt Synonym Gene Names	B7H1; PDCD1L1; PDCD1LG1; PDL1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7-H1
UniProt Entry Name	PD1L1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/atezolizumab-antibody-elisa/197049>