

PRODUCT INFORMATION

Common Name	MPDL3280A, RG7446
Conjugate	Unconjugated
Synonyms	PD-L1; CD274; B7-H1; PDCD1L1; PDCD1LG1
Applications	ELISA; Flow Cyt
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Host Species	Humanized
IgG type	Human IgG1 - kappa
Reactivity	Human
Target	PDL1
Uniprot ID	Q9NZQ7
Description	Anti-PDL1 (atezolizumab biosimilar) mAb
Delivery	In Stock
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



Anti-PDL1 (atezolizumab biosimilar) mAb ELISA

0.2 µg of Human PDL1, mFc-His Tagged protein per well

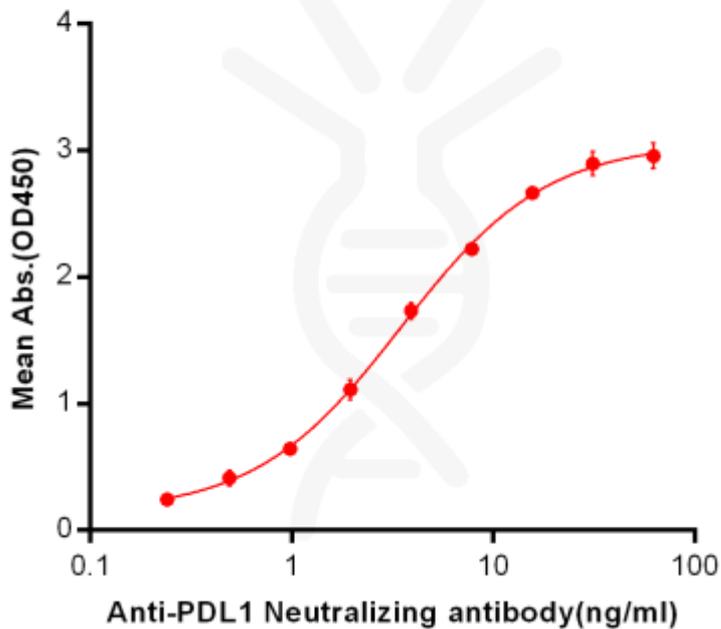


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human PDL1, mFc-His tagged protein ([getskuurl sku="PME100023"]) can bind Anti-PDL1 Neutralizing antibody in a linear range of 0.24-7.81 ng/ml.

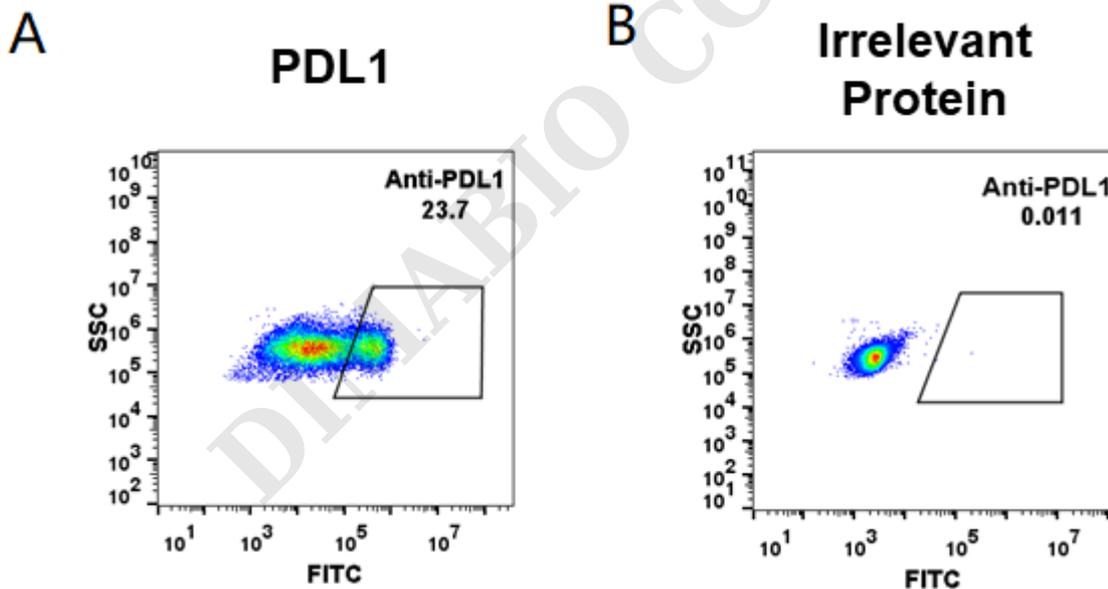


Figure 2. HEK293 cell line transfected with irrelevant protein (**B**) and human PDL1 (**A**) were surface stained with anti-PDL1 neutralizing antibody 1µg/ml (atezolizumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

