

Avelumab

Catalog #	Source	Reactivity	Applications
CBA1025	Humanized	Human	Functional Assay
Description	Anti-PD-L1 [Avelumab]		
Immunogen			
Purification	Affinity Chromatography		
Specificity			
Clonality	Monoclonal		
Conjugation			
Form	IgG1, liquid in 10 mmol/L PBS, pH 7.2		
Dilution			
Gene Symbol	CD274		
Alternative Names	B7H1; PDCD1L1; PDCD1LG1; PDL1; Programmed cell death 1 ligand 1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7 homolog 1; B7-H1; CD274		
Entrez Gene	29126		
SwissProt	Q9NZQ7		
Directions for Use	Avelumab biosimilar is a programmed death ligand-1 (PD-L1) blocking antibody and prevents its interaction with the inhibitory T-cell receptor, PD-1 (programmed cell death protein 1). Upon binding, avelumab promotes T-cell reactivation and restores T-cell-mediated immune response against tumor cells. Avelumab is also the only PD-L1 antibody so far to also induce antibody-dependent cell-mediated cytotoxicity (ADCC) against tumor cells expressing PD-L1.		
Storage/Stability	Stored at 2-8°C for at least 4 weeks. Store at -20 °C for 12 months. For long term storage aseptically aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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