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Anti-PD-1 & CTLA-4 Reference Antibody (Cadonilimab)

Catalog # APR11554

Product Information

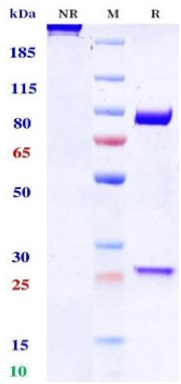
Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q15116 & P16410
Reactivity	Human
Clonality	Bispecific
Isotype	IgG-scFv

Additional Information

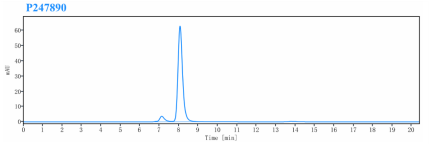
Target/Specificity	CTLA-4 / CD152,PDCD1 / PD-1 / CD279
Expression system	CHO

Protein Information

Images

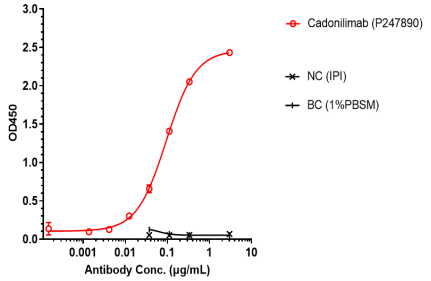


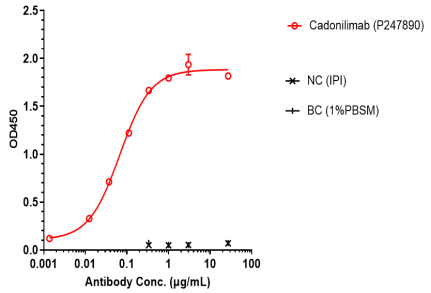
Anti-PD-1 & CTLA-4 Reference Antibody (cadonilimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



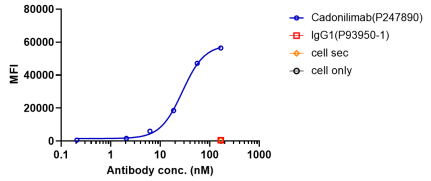
The purity of Anti-PD-1 & CTLA-4 Reference Antibody (cadonilimab) is 98.79%, determined by SEC-HPLC.

Cadonilimab bound to PD-1 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Cadonilimab bound to in human PD-1 Protein-His, and the EC50 was 0.09436 nM.

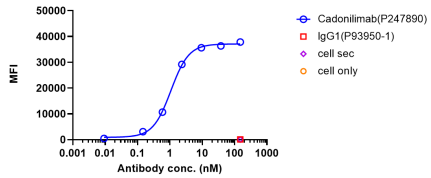




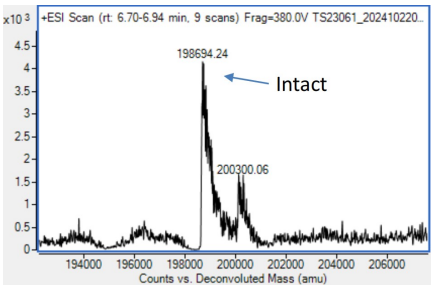
Cadonilimab bound to CTLA4 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Cadonilimab bound to in human CTLA4 Protein-His, and the EC50 was 0.06733 nM.



Cadonilimab bound to huCTLA4-CHO cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Cadonilimab bound to huCTLA4-CHO cells, and the EC50 was 27.870 nM.



Cadonnilimab bound to PD-1-Jukat cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ) , and test by flow cytometry. As shown in fig, Cadonnilimab bound to PD-1-Jukat cells, and the EC50 was 1.071 nM.



The detected molecular weight of Anti-PD-1 & CTLA-4 Reference Antibody (Cadonilimab) is 198.69 kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.