Anti-PD-1 [RMP1-14] Standard Size Ab00813-1.69

This is bispecific mouse IgG1-D265A featuring a C-terminal anti-PDL1 VHH fusion.

This is a bispecific anti-mouse antibody created by fusing anti-PDL-1 VHH domains to the C-terminus of the heavy chains of the anti-mouse PD-1 antibody clone RMP1-14 in a mouse IgG1 D265A format. The mouse IgG1 D265A format is an Fc-silenced format, preventing ADCC and CDC.

Isotype and Format: Mouse Bispecific, anti-mPD-L1, Bispecific antibody, Kappa
Clone Number: RMP1-14
Alternative Name(s) of Target: CD279; PD1; PDCD1; RMPI-14; RMP1/14; Programmed Death Receptor 1; Programmed Death 1
UniProt Accession Number of Target Protein:
Published Application(s): Block, FC, IHC-Fr
Published Species Reactivity: Mouse
Immunogen: The original rat hybridoma was generated by immunizing Sprague Dawley rats with mouse PD-1-transfectked BHK cells. A P3U1 myeloma was used as the fusion partner.
Specificity: This antibody binds to murine PD-1.
Application Notes: Binding of the original rat IgG2a antibody to PD1 has been reported to prevent binding of both B7-H1-Ig (PD-L1-Ig) and B7-DC-Ig (PD-L2-Ig) fusion proteins to PD1.
Antibody First Published in: Yamazaki et al. Blockade of B7-H1 on macrophages suppresses CD4+ T cell proliferation by augmenting IFN-gamma-induced nitric oxide production. J Immunol. 2005 Aug 1;175(3):1586-92 PMID:16034097
Note on publication: Describes the generation and initial characterisation of the RMP1-14 hybridoma

Product Form

Size: 50 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.