Anti-PD-1 [RMP1-14] Bulk size L Ab00813-1.32-BB

This antibody has a D265A mutation affecting Fc receptor engagement.

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1-D265A, Fc Silenced, 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: 10 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4ºC for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20ºC.
Concentration: See vial label

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

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procedures for humans or animals.

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