

## Anti-PD-1 [RMP1-14] Bulk size M Ab00813-1.6-BS

This is a Fab fragment with a his-tag.

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 Fab fragment, His-Tagged, 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-transfected 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:** 1 mg Purified antibody in bulk size.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:** See vial label

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

procedures for humans or animals.