

Anti-PD-1 [PD1-28] Standard Size Ab02652-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This full-length, reformatted human antibody was made using the variable domain sequences of the original Human scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Lambda

Clone Number: PD1-28

Alternative Name(s) of Target: CD279; Programmed cell death protein 1; PDCD1; PD-1; hPD-1

UniProt Accession Number of Target Protein: Q15116

Published Application(s): functional assay, Block, ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by panning against an scFv phagemid library generated from non-immunized human donors.

Specificity: This antibody is specific for PD-1.

Application Notes: An ELISA was performed on PD-1 fusion protein using this antibody (US7488802). This antibody was capable of blocking the PD-1/PD-L1 interaction. It was found that PD1-28 can mimic PD-1 ligands and deliver an inhibitory signal causing a decrease in T cell proliferation and IL-2 production (US7488802).

Antibody First Published in: Collins et al. Antibodies against PD-1. US7488802 [PMID:](#)

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

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.