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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-PD-1 [Anti-human PD-1 antibody] Bulk Size Ab03804-10.0-BT

Isotype and Format: Human IgG1, Kappa

Clone Number: Anti-human PD-1 antibody

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

UniProt Accession Number of Target Protein: Q15116

Published Application(s): Blocking, inhibition, ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing transgenic mice with PD-1.

Specificity: The antibody is specific for PD-1. The antibody binds the extracellular region of the human PD-1 protein receptor. PD-1 is a type I membrane protein with 288 amino acids, and is one of the main known immune checkpoints. PD-1 is expressed in activated T lymphocytes, and it binds ligands PD-L1 and PD-L2.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis ($EC_{50} = 76 \text{ pM}$). The antibody blocked the binding between PD-1 protein and its ligands PD-L1 and PD-L2 by the receptor ligand binding assay of PD-1 protein. Lymphocyte stimulation assay detected that PD-1 antibody blocked the binding of PD-1 protein to its ligands PD-L1 and PD-L2, thereby releasing its inhibition of T lymphocyte activity (CN106928361A).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

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: 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.