



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-PD-1 [Anti-human PD-1 antibody] Bulk Size Ab03804-10.3-BT

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

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, 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 (EC50 = 76 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.