



# 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-L1 [BT613] Standard Size Ab03784-1.1

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** BT613

**Alternative Name(s) of Target:** CD274; B7-H1; B7 homolog 1; PDCD1 ligand 1; Programmed death ligand 1; hPD-L1; Programmed cell death 1 ligand 1

**UniProt Accession Number of Target Protein:** Q9NZQ7

**Published Application(s):** Blocking, in vitro, in vivo, inhibition, SPR

**Published Species Reactivity:** Human, Mouse

**Immunogen:** The original antibody was generated by immunizing transgenic mice with PD-L1, followed by antibody library construction and phage display-based selection against PD-L1.

**Specificity:** The original antibody is specific for PD-L1. The antibody recognises human and mouse PD-L1.

**Application Notes:** The binding affinity of the antibody to PD-L1 was measured by surface plasmon resonance. The binding affinity of the antibody was measured on the cell lines with high expression of PD-L1 by FACS. The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody had good activity in blocking the binding of PD-L1 to PD-1 and PD-L1 to B7-1 is shown by ELISA analysis. The antibody could block the binding of PD-1 and PD-L1 at the cellular level in in vitro experiments. The antibody was used for in vivo experiments on colon cancer tumor model. B-hPD-1 mice with human PD-1 and MC38-hPD-L1 colon cancer cells with human PD-L1 were treated with the antibody. Results showed inhibition of tumor volume growth in mice treated with the antibody.

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

**Note on publication:**

### Product Form

**Size:** 100 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.