



# 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 [10F.9G2] Standard Size bAb0653

This antibody is a knob-into-hole bispecific based on murine IgG2a with an Fc Silent™ mutation, featuring one arm with an anti-mouse CD28 scFv based on the clone D665.

This is a bispecific, knob-into-hole heterodimerized antibody, with one arm directed against mouse PD-L1 (Fab) and one arm directed against mouse CD28 (scFv based on the superagonistic clone D665).

**Isotype and Format:** Mouse IgG2a mCD28 KIH bispecific, Fc Silent™, Kappa

**Clone Number:** 10F.9G2

**Alternative Name(s) of Target:** CD274; PDL1; PD L1; Programmed cell death 1 ligand 1; PDCD1 ligand 1; Programmed death ligand 1; B7 homolog 1; B7-H1; 10F9G2; 10F 9G2

**UniProt Accession Number of Target Protein:** Q9EP73

**Published Application(s):** Blocking, ELISA, FC, IHC

**Published Species Reactivity:** Mouse

**Immunogen:** This antibody was raised by immunising Lewis rats with murine PD-L1 cDNA and murine PD-L1 CHO transfectants.

**Specificity:** This antibody is specific for murine PD-L1.

**Application Notes:** The specificity of this antibody has been confirmed in ELISA analysis (Eppihimer et al, 2002). This antibody reacts specifically with mPD-L1-transfected cells in flow cytometry, and has been used to assess microvascular endothelial cells PD-L1 expression (Eppihimer et al, 2002). When administered to mice, a radiolabelled version of this antibody has been used to quantify PD-L1 expression in vivo, by measuring antibody accumulation in different tissues (Eppihimer et al, 2002). This antibody has also been used in immunohistochemical analysis of PD-L1 expression in frozen tissue sections of murine brain (Eppihimer et al, 2002) and murine hearts (Rodig et al, 2003). This antibody has been shown to block the binding of PD-L1 to both PD-1 and B7-1 (Paterson et al, 2011). This antibody precipitates diabetes in NOD mice and in adoptive transfer models of CD4+ and CD8+ T cell-driven diabetes, and accelerates diabetes in recipients of T cells from diabetic and prediabetic mice (Paterson et al, 2011).

**Antibody First Published in:** Eppihimer et al. Expression and Regulation of the PD-L1 Immunoinhibitory Molecule on Microvascular Endothelial Cells Microcirculation. 2002 Apr;9(2):133-45. [PMID:11932780](#)

**Note on publication:** Describes the original generation of this antibody, and its use in ELISA, flow cytometry and immunohistochemistry.

## Product Form

**Size:** 50 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.