



# 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-LAG-3 [B5D1] Standard Size Ab03511-10.3

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

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** B5D1

**Alternative Name(s) of Target:** CD223; LAG3; FDC; Lymphocyte activation gene 3 protein

**UniProt Accession Number of Target Protein:** P18629

**Published Application(s):** Blocking, in vitro, SPR, ELISA, FC

**Published Species Reactivity:** Human

**Immunogen:**

**Specificity:** The antibody is specific for human LAG-3. The antibody cross-reacts with cynomolgus LAG-3.

**Application Notes:** The humanized version of the antibody was constructed. The specificity of the original format of the antibody was confirmed by ELISA analysis. The binding activity of the humanized antibody to LAG3 was  $EC_{50} = 63.3$  ng/ml. The binding affinity of the humanized antibody was measured by surface plasmon resonance ( $K_d = 6.10 \times 10^{-10}$  M). This antibody was used for detection of LAG-3 expressed on CHO cells by flow cytometry. The antibody blocked the binding of LAG-3 antigen and MHC-II molecule ( $IC_{50} = 0.152$  µg/ml). The antibody could effectively activate the activity of antigen-specific T cells,  $EC_{50}$  of in vitro activity test results of B5D1 antibody equal to 1.25 µg/ml (CN110606892).

**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.