



# 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 [ADI-31798] Standard Size Ab03439-13.0

**Isotype and Format:** Human IgG4, Kappa

**Clone Number:** ADI-31798

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

**UniProt Accession Number of Target Protein:** P18627

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

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was isolated from a yeast display library by two rounds of screening against human LAG-3.

**Specificity:** This antibody binds human LAG-3. The human LAG-3 is a cell surface molecule with diverse biologic effects on T cell function. It is an immune checkpoint receptor on activated T-cells.

**Application Notes:** This antibody can bind human LAG-3 in an ELISA. This antibody binds human LAG-3 with an affinity of  $K_d = 9.73 \times 10^{(-10)}$  nM. The binding specificity of this antibody to human LAG-3 expressed on the surface of HEK293 and activated CD4+ T cells was done using flow cytometry. This antibody binds hLAG-3 expressed on the surface of HEK293 cells with an EC50 of 0.201 nM and activated CD4+ T cells with an EC50 of 0.00595 nM. This antibody can also effectively block the binding of LAG-3 and its ligand MHCII (HLA-DR) with an IC50 of 4.701 nM. The tumor suppressive effects of this antibody was studied in A375 human PBMC model (CN112166125).

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

**Note on publication:**

### Product Form

**Size:** 200 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.