



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-LAG-3 [ADI-31798] Ab03439-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG4 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Rabbit IgG, 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:** 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.