



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

www.szabo-scandic.com

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

Anti-LAG-3 [G8] Standard Size Ab04018-10.3

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

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

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

Clone Number: G8

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

UniProt Accession Number of Target Protein: P18627

Published Application(s): BLI, Blocking, inhibition, ELISA, FC

Published Species Reactivity: rhesus macaque, Human

Immunogen: The original antibody was isolated from a human antibody phage display library by bio-panning against human LAG-3.

Specificity: The antibody binds to human and rhesus macaque LAG-3.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody was able to bind LAG-3 expressed at the surface of HEK-293 cells was evaluated by flow cytometry. The antibody showed binding to activated T cells. The antibody bound to cells expressing rhesus LAG-3 on transiently transfected HEK-293 cells. The affinity of the antibody to human LAG-3 was measured using Bio-Layer Interferometry ($K_d = 0.70$ nM). The antibody showed inhibitory capacity of the binding of LAG-3 to MHC class II in a dose dependent manner, and was able to completely block binding of LAG-3 to MHC-II at high concentrations ($IC_{50} = 12$ nM). The antibody could block the binding of LAG-3 to MHC class II-expressing Daudi cells in a dose-dependent manner by flow cytometry analysis. The antibody was able reverse exhaustion and restore the activity of T cells to secrete IL-2 and IFN- γ upon restimulation at high doses (US20190040136A1).

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.