



# 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 [Ab835] Ab03509-10.0-BT

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

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** Ab835

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

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

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

**Published Species Reactivity:** Human

**Immunogen:**

**Specificity:** The antibody is specific for human LAG-3. The antibody does not cross react with cynomolgus LAG-3.

**Application Notes:** The antibody is a humanized version of the mouse antibody mab7c. The specificity of the original format of the antibody was confirmed by ELISA analysis ( $EC_{50}=0.12$  nM). The binding activity of the humanized antibody was tested using the hLAG-3 positive cell line, and the results showed that the antibody was positive for hLAG-3. The binding activity of the antibody and hLAG-3 positive cells was  $EC_{50} = 0.41$  nM. The binding affinity of the antibody to hLAG-3 was measured by surface plasmon resonance ( $K_d=0.52$  nM). The antibody blocked the binding of MHCII and human LAG-3 with  $IC_{50} = 2.27$  nM and it prevented LAG-3 and MHCII from binding to activate human T cell activity (release IL2) ( $EC_{50}=1.74$ ug/ml) (CN110172099).

**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.