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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-LAG-3 [Ab835] Ab03509-10.3-BT

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 IgG4 format for improved compatibility with existing reagents assays and techniques.

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