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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 [Ab8438] Ab03510-10.3-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: Ab8438

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

UniProt Accession Number of Target Protein: P18628

Published Application(s): in vivo, SPR

Published Species Reactivity: Human

Immunogen:

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

Application Notes: The antibody is a humanized version of the mouse antibody mab84c. The humanized antibody could bind to hLAG-3+ cells, with an EC50 value that does not exceed 1.5nM. The humanized antibody prevented the binding activity of human LAG-3 and Daudi cells. The binding affinity of the humanized antibody was measured by surface plasmon resonance (Kd= 0.71 nM). The antibody was employed to design bispecific antibodies against LAG-3 and PD-L1, which antibody retained the binding activity to dual-target LAG3 and PD-1. Further, both the combination of the antibody and PD-1 antibody and the bispecific LAG-3 and PD-L1 antibody showed a good tumour inhibition effect in in vivo application (CN111848794).

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.