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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 [B5D1] Ab03511-10.3-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 IgG1 format for improved compatibility with existing reagents assays and techniques.

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

Clone Number: B5D1

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

UniProt Accession Number of Target Protein: P18629

Published Application(s): Blocking, in vitro, SPR, ELISA, FC

Published Species Reactivity: Human

Immunogen:

Specificity: The antibody is specific for human LAG-3. The antibody cross-reacts with cynomolgus LAG-3.

Application Notes: The humanized version of the antibody was constructed. The specificity of the original format of the antibody was confirmed by ELISA analysis. The binding activity of the humanized antibody to LAG3 was EC 50= 63.3 ng/ml. The binding affinity of the humanized antibody was measured by surface plasmon resonance (Kd= 6.10×10^{-10} M). This antibody was used for detection of LAG-3 expressed on CHO cells by flow cytometry. The antibody blocked the binding of LAG-3 antigen and MHC-II molecule (IC50= 0.152 ug/ml). The antibody could effectively activate the activity of antigen-specific T cells, EC50 of in vitro activity test results of B5D1 antibody equal to 1.25 ug/ml (CN110606892).

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.