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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-LAG-3 [Ab835] Standard Size Ab03509-10.0

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) ($EC_{50}=1.74$ µg/ml) (CN110172099).

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.