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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-LAG-3 [Ab2317] Ab03454-1.1-BT

This reformatted mouse 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: Mouse IgG1, Kappa

Clone Number: Ab2317

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

UniProt Accession Number of Target Protein: P18627

Published Application(s): Blocking, in vivo, SPR

Published Species Reactivity: Human

Immunogen:

Specificity: The antibody is specific for human LAG-3. The antibody does not detect cynomolgus LAG-3 or murine LAG-3.

Application Notes: The antibody is a humanized version of mab23. The antibody had an activity EC50 of 0.34 $\mu\text{g/ml}$ for activating human T cells to release IL-2. Further, the antibody activates human DC cell to stimulate human T cell activity (EC50 of 0.21nM), as shown by MLR assay. The humanized antibody efficacy in vivo was evaluated of the present invention. Tumors treated in mice showed an inhibition in tumor growth when treated with a combination of the antibody and PD-1 antibody. The binding affinity of the antibody to hLAG-3 was measured by surface plasmon resonance ($K_d = 0.2 \text{ nM}$). The antibody showed a good blocking activity. The antibody was used in combination with an anti PD-1 antibody (Nivo or Pem) into a bispecific antibody (CN112079925).

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.