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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-LAG-3 [G8] Standard Size Ab04018-10.0

Isotype and Format: Human IgG1, Kappa

Clone Number: G8

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

UniProt Accession Number of Target Protein: P18627

Published Application(s): BLI, Blocking, inhibition, ELISA, FC

Published Species Reactivity: rhesus macaque, Human

Immunogen: The original antibody was isolated from a human antibody phage display library by bio-panning against human LAG-3.

Specificity: The antibody binds to human and rhesus macaque LAG-3.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody was able to bind LAG-3 expressed at the surface of HEK-293 cells was evaluated by flow cytometry. The antibody showed binding to activated T cells. The antibody bound to cells expressing rhesus LAG-3 on transiently transfected HEK-293 cells. The affinity of the antibody to human LAG-3 was measured using Bio-Layer Interferometry ($K_d = 0.70$ nM). The antibody showed inhibitory capacity of the binding of LAG-3 to MHC class II in a dose dependent manner, and was able to completely block binding of LAG-3 to MHC-II at high concentrations ($IC_{50} = 12$ nM). The antibody could block the binding of LAG-3 to MHC class II-expressing Daudi cells in a dose-dependent manner by flow cytometry analysis. The antibody was able reverse exhaustion and restore the activity of T cells to secrete IL-2 and IFN- γ upon restimulation at high doses (US20190040136A1).

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.