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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 [ADI-31798] Ab03439-1.1-BT

This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG4 format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: ADI-31798

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

UniProt Accession Number of Target Protein: P18627

Published Application(s): ELISA, FC

Published Species Reactivity: Human

Immunogen: The original antibody was isolated from a yeast display library by two rounds of screening against human LAG-3.

Specificity: This antibody binds human LAG-3. The human LAG-3 is a cell surface molecule with diverse biologic effects on T cell function. It is an immune checkpoint receptor on activated T-cells.

Application Notes: This antibody can bind human LAG-3 in an ELISA. This antibody binds human LAG-3 with an affinity of $K_d = 9.73 \times 10^{-10}$ nM. The binding specificity of this antibody to human LAG-3 expressed on the surface of HEK293 and activated CD4+ T cells was done using flow cytometry. This antibody binds hLAG-3 expressed on the surface of HEK293 cells with an EC50 of 0.201 nM and activated CD4+ T cells with an EC50 of 0.00595 nM. This antibody can also effectively block the binding of LAG-3 and its ligand MHCII (HLA-DR) with an IC50 of 4.701 nM. The tumor suppressive effects of this antibody was studied in A375 human PBMC model (CN112166125).

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.