AG-20B-0012B

anti-LAG-3 (human), mAb (17B4) (Biotin)
[Lymphocyte Activation Gene-3; FDC Protein; CD223]

AG-20B-0012B-C100 100 µg
Conjugates/Labels Biotin
Clone 17B4
Isotype Mouse IgG1
Immunogen Synthetic peptide corresponding to 30 aa in the N-terminus of human LAG-3.

Handling / Storage
Shipping BLUE ICE
Short Term Storage +4°C
Long Term Storage -20°C

After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

Use / Stability
Stable for at least 1 year after receipt when stored at -20°C.

MSDS available at www.adipogen.com or upon request.

Product Specifications
Specificity Recognizes human LAG-3.
Species Crossreactivity Human
Application ELISA: (detection)
Formulation Liquid. In PBS containing 0.02% sodium azide.
Concentration 1mg/ml
Endotoxin Content <0.001EU/µg purified protein or <1EU /mg purified protein (LAL test; Lonza).

Product Description
Lymphocyte activation gene 3 (LAG-3; CD223) plays an important role in negatively regulating T cell proliferation, function and homeostasis. It is required for maximal natural and induced regulatory T cell (Treg) function. LAG-3 is closely related to the T cell co-receptor CD4 and binds to MHC class II molecules but with a significantly higher affinity than CD4.
Product Specific References


Cellular expression and tissue distribution of the human LAG-3-encoded protein, an MHC class II ligand: B. Huard, et al.; Immunogenetics 39, 213 (1994)

Characterization of the major histocompatibility complex class II binding site on LAG-3 protein: B. Huard, et al.; PNAS 94, 5744 (1997)


Immunological mechanisms elicited at the tumour site by lymphocyte activation gene-3 (LAG-3) versus IL-12: sharing a common Th1 anti-tumour immune pathway: E.D. Carlo, et al.; J. Pathol. 205, 82 (2005)

The negative regulatory function of the lymphocyte-activation gene-3 co-receptor (CD223) on human T cells: L. Macon-Lemaître and F. Triebel; Immunology 115, 170 (2005)

