AG-20B-0012TD

anti-LAG-3 (human), mAb (17B4) (ATTO 488)
[Lymphocyte Activation Gene-3; FDC Protein; CD223]

AG-20B-0012TD-T100 100 tests
Conjugates/Labels ATTO 488
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 +4°C

Do not freeze. Protect from light.

Use / Stability
Keep conjugated formats at +4°C.

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

Product Specifications
Specificity Recognizes human LAG-3.
Species Crossreactivity Human
Application Flow Cytometry: (1:100)
Immunocytochemistry
Definition for 1 test: 1μl of labeled antibody in 200μl of Flow Cytometry buffer (see online protocol).
Purity ≥95% (SDS-PAGE)
Formulation Liquid. In PBS containing 0.02% sodium azide.
Concentration 1mg/ml

Other Product Data
New ATTO-fluorescent antibodies show increased photostability, outstanding brightness and intense signals. ATTO dyes are thermally stable, resistant to environmental changes and show no significant isomerization.

ATTO 488 shows bright green fluorescence (λabs (max): 501nm, λem (max): 523nm, εmax: 90’000).

WARNING: Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. MATERIAL SAFETY DATA: Review the complete Material Safety Data Sheet before use.
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

Figure 1: Detection of endogenous human LAG-3 by FACS analysis using anti-LAG-3 (human), mAb (17B4) (ATTO 488) (Prod. No. AG-20B-0012TD).

Human PBMC were stimulated (B) or not (A) with 1μg/ml of superantigen SEB. After 2 days, PBMC were stained with 10μg/ml (1μg/0.5x10^6 cells) of anti-LAG-3 (human), mAb (17B4) (ATTO 488) (Prod. No. AG-20B-0012TD) and analyzed by flow cytometry.

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