

PE-Labeled Monoclonal Anti-Human BTLA Antibody, Mouse IgG2a (AS616) (0.03% Proclin)

Catalog # FABm036-01



Source

Monoclonal Anti-Human BTLA Antibody, Mouse IgG2a (AS616) is a mouse monoclonal antibody, which provides higher batch consistency and long term security of supply.

Clone

AS616

Isotype

Mouse IgG2a, Kappa

Host Species

Mouse

Reactivity

Human

Immunogen

Purified Human BTLA Protein

Conjugate

PE

Excitation Wavelength: 488 nm / 561 nm

Emission Wavelength: 575 nm

Specificity

This product is a specific antibody specifically reacts with BTLA protein.

Application

Flow Cytometry (Evaluation of the expression of BTLA on Human cells).

Isotype Control

The isotype control is sold separately; please refer to Cat. No. [DNP-PM487](#) for product information.

Form

Liquid

Formulation

Supplied as 0.2 µm-filtered solution in PBS (pH 7.4) containing 0.03% ProClin 300 and 0.2% BSA, with trehalose as protectant.

Please contact us for customized product forms or formulations.

Shipping

Liquid product is shipped at blue ice.

Storage

Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- Store at 2-8 °C for 12 months.

Notices

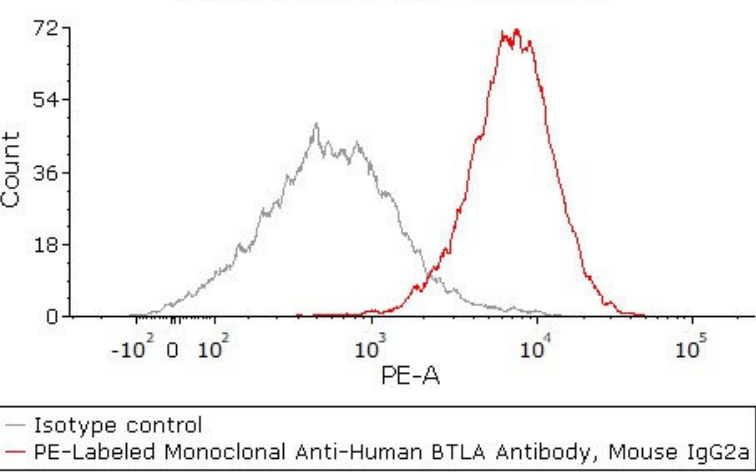
Product Specific Notices: For research use only.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#).
- [Quality Advantages](#)
- [Quality Control Process](#)

Bioactivity-FACS

FACS Analysis of PE-Labeled Monoclonal Anti-Human BTLA Antibody, Mouse IgG2a



Flow cytometric analysis of THP-1 staining with PE-Labeled Monoclonal Anti-Human BTLA Antibody, Mouse IgG2a (AS616) (Cat. No. FABm036-01) at 1:20 dilution (5 μ L of the antibody stock solution corresponds to labeling of 1e6 cells in a final volume of 100 μ L), compared with isotype control antibody. PE signal was used to evaluate the binding activity (QC tested).

Background

B- and T-lymphocyte attenuator (BTLA) is also known as B- and T-lymphocyte-associated protein, CD antigen CD272. BTLA contains one Ig-like V-type (immunoglobulin-like) domain. As a lymphocyte inhibitory receptor, BTLA / CD272 inhibits lymphocytes during immune response. BTLA / CD272 can interact with tyrosine phosphatases PTPN6/SHP-1 and PTPN11/SHP-2, and interact with TNFRSF14/HVEM.



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