

A29383

Leader in Biomolecular Solutions for Life Science



PE Rabbit anti-Human Granzyme B mAb

Catalog No.: A29383

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibody

Applications

FC (intra)

Cross-Reactivity

Human

Conjugate

PE. Ex:565nm. Em:574nm.

Background

This gene encodes a member of the granzyme subfamily of proteins, part of the peptidase S1 family of serine proteases. The encoded preproprotein is secreted by natural killer (NK) cells and cytotoxic T lymphocytes (CTLs) and proteolytically processed to generate the active protease, which induces target cell apoptosis. This protein also processes cytokines and degrades extracellular matrix proteins, and these roles are implicated in chronic inflammation and wound healing. Expression of this gene may be elevated in human patients with cardiac fibrosis.

Recommended Dilutions

FC (intra) 5 μ l per 10^6 cells in 100 μ l volume

Immunogen Information

Gene ID
3002

Swiss Prot
P10144

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

C11; HLP; CCPI; CGL1; CSPB; SECT; CGL-1; CSP-B; CTLA1; CTSL1

Contact

 www.abclonal.com

Product Information

Source
Rabbit

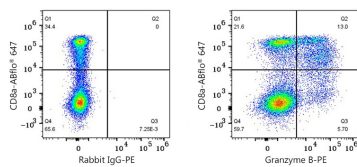
Isotype
IgG

Purification
Affinity purification

Storage

Store at -20°C

Validation Data



Flow cytometry: 1X10⁶ Human PBMC were surface-stained with ABflo® 647 Rabbit anti-Human/Monkey CD8a mAb (A23346, 5 µl/Test), then intracellularly-stained with PE Rabbit IgG isotype control (A24172, 5 µl/Test, left) or PE Rabbit anti-Human Granzyme B mAb (A29383, 5 µl/Test, right). Cells in the lymphocyte gate were used for analysis.