APC Rabbit anti-Human Perforin mAb

Catalog NO.: A28930

Basic Information

Observed MW

Calculated MW
61kDa

Category
Monoclonal Antibodies

Applications
FC (intra)

Cross-Reactivity
Human

Conjugation
APC. Ex:650nm. Em:660nm.

Clone number
ARC76686

Background

This gene encodes a protein with structural similarities to complement component C9 that is important in immunity. This protein forms membrane pores that allow the release of granzymes and subsequent cytolysis of target cells. Whether pore formation occurs in the plasma membrane of target cells or in an endosomal membrane inside target cells is subject to debate. Mutations in this gene are associated with a variety of human disease including diabetes, multiple sclerosis, lymphomas, autoimmune lymphoproliferative syndrome (ALPS), aplastic anemia, and familial hemophagocytic lymphohistiocytosis type 2 (FHL2), a rare and lethal autosomal recessive disorder of early childhood.

Recommended Dilutions

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

Immunogen Information

Gene ID
5551

Swiss Prot
P14222

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

Synonyms
P1; PFP; HPLH2

Contact

Product Information

order@abclonal.com

service@abclonal.com

www.abclonal.com

Source
Rabbit

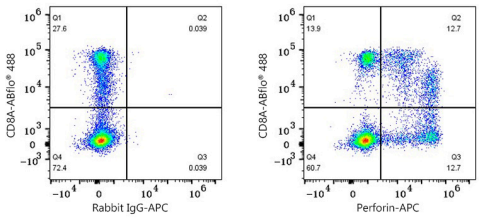
Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD8a mAb (A23345,5 µl/Test) and then intracellularly-stained with APC Rabbit IgG isotype control (A24173,5 µl/Test,left) or APC Rabbit anti-Human Perforin mAb (A28930,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.

For research use only. Not for therapeutic or diagnostic purposes.

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