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PerCP Rabbit anti-Human/Monkey CD8a mAb

Catalog No.: A28272

Basic Information

Observed MW

Calculated MW
21kDa/25kDa/30kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human, Cynomolgus

CloneNo number
ARC55248

Conjugate
PerCP. Ex:482nm. Em:678nm.

Background

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain. Multiple transcript variants encoding different isoforms have been found for this gene. The major protein isoforms of this gene differ by the presence or absence of a transmembrane domain and thus differ in being a membrane-anchored or secreted protein.

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
925

Swiss Prot
P01732

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

Synonyms
CD8; p32; Leu2; CD8alpha

Contact

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Product Information

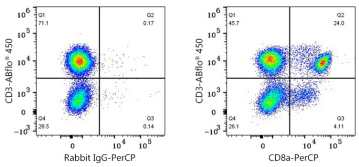
Source
Rabbit

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® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177,5 µl/Test) and PerCP Rabbit IgG isotype control (A24204,5 µl/Test,left) or PerCP Rabbit anti-Human/Monkey CD8a mAb (A28272,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.