Leader in Biomolecular Solutions for Life Science

www.abclonal.com

ABflo® 594 Rabbit anti-Human CD8b mAb

Catalog No.: A24988

Basic Information

Observed MW

Calculated MW
24kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC64469

Conjugate
ABflo® 594. Ex:588nm. Em:604nm.

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, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or 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 beta chain isoforms. Multiple alternatively spliced transcript variants encoding distinct membrane associated or secreted isoforms have been described. A pseudogene, also located on chromosome 2, has been identified.

Recommended Dilutions

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

Immunogen Information

Gene ID
926

Swiss Prot
P10966

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

Synonyms
LY3; P37; LEU2; LYT3; Ly-3; CD8B1; CD8beta

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

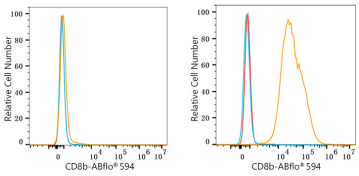
Source
Rabbit

Isotype
IgG

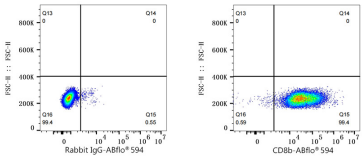
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

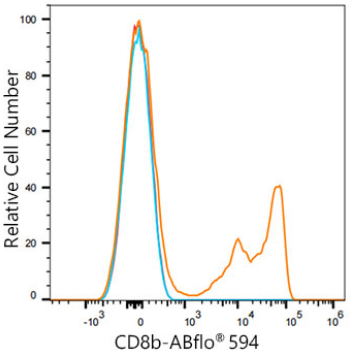
Validation Data



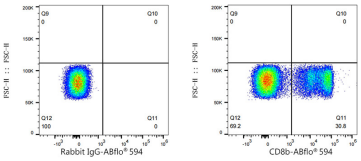
Flow cytometry: 1X10^6 293F cells (negative control,left) and 293F (Transfection,right) cells were surface-stained with ABflo® 594 Rabbit anti-Human CD8b mAb (A24988,5 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 293F (Transfection) cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo® 594 Rabbit anti-Human CD8b mAb (A24988,5 µl/Test,right).



Flow cytometry: 1X10^6 Human PBMC were surface-stained with ABflo® 594 Rabbit anti-Human CD8b mAb (A24988,5 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line). Non-fluorescently stained Human PBMC were used as blank control (red line).



Flow cytometry: 1X10^6 Human PBMC were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo® 594 Rabbit anti-Human CD8b mAb (A24988,5 µl/Test,right).