Leader in Biomolecular Solutions for Life Science

www.abclonal.com

ABflo® 700 Rabbit anti-Human CD59 mAb

Catalog No.: A26368

Basic Information

Observed MW
Refer to figures

Calculated MW
14kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC56720

Conjugate
ABflo® 700. Ex:690nm. Em:713nm.

Background

This gene encodes a cell surface glycoprotein that regulates complement-mediated cell lysis, and it is involved in lymphocyte signal transduction. This protein is a potent inhibitor of the complement membrane attack complex, whereby it binds complement C8 and/or C9 during the assembly of this complex, thereby inhibiting the incorporation of multiple copies of C9 into the complex, which is necessary for osmolytic pore formation. This protein also plays a role in signal transduction pathways in the activation of T cells. Mutations in this gene cause CD59 deficiency, a disease resulting in hemolytic anemia and thrombosis, and which causes cerebral infarction. Multiple alternatively spliced transcript variants, which encode the same protein, have been identified for this gene.

Recommended Dilutions

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

Immunogen Information

Gene ID
966

Swiss Prot
P13987

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

Synonyms
1F5; EJ16; EJ30; EL32; G344; MIN1; MIN2; MIN3; MIRL; HRF20; MACIF; MEM43; MIC11; MSK21; 16.3A5; HRF-20; MAC-IP; p18-20

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

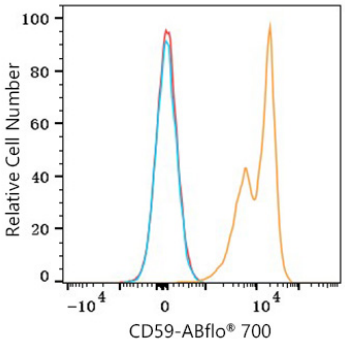
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 Human PBMC were surface-stained with ABflo® 700 Rabbit anti-Human CD59 mAb (A26368,5 µl/Test,orange line) or ABflo® 700 Rabbit IgG isotype control (A25976,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the lymphocyte gate were used for analysis.