ABflo® 647 Rabbit anti-Human CD235a/Glycophorin A mAb

Catalog No.: A23015

ABclonal
www.abclonal.com

Basic Information

Observed MW
Refer to figures

Calculated MW
13kDa/16kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC58031-ABf647

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

Background

Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte membrane which bear the antigenic determinants for the MN and Ss blood groups. In addition to the M or N and S or s antigens that commonly occur in all populations, about 40 related variant phenotypes have been identified. These variants include all the variants of the Miltenberger complex and several isoforms of Sta, as well as Dantu, Sat, He, Mg, and deletion variants Ena, S-s-U- and Mk. Most of the variants are the result of gene recombinations between GYPA and GYPB.

Recommended Dilutions

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

Immunogen Information

Gene ID
2993

Swiss Prot
P02724

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 20-91 of human CD235a (NP_002090.4).

Synonyms
MN; GPA; MNS; GPSAT; PAS-2; CD235a; GPErik; HGpMiV; HGpMiXI; HGpSta(C)

Contact

Product Information

Source
Rabbit
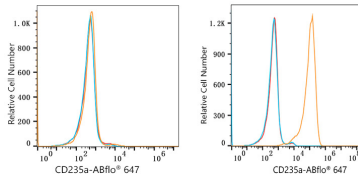
Isotype
IgG

**Purification**
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data

Flow cytometry:1X10^6 THP1 cells (negative control,Left) and HEL cells (Right) were surface-stained with ABflo® 647 Rabbit anti-Human CD235a/Glycophorin A mAb(A23015,5 μl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 μl/Test,blue line). Non-fluorescently stained cells was used as blank control (red line).
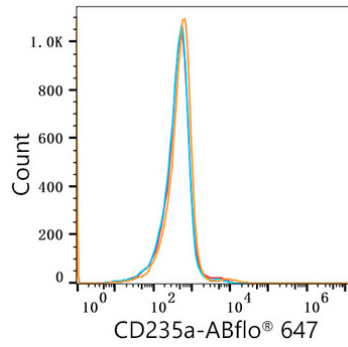
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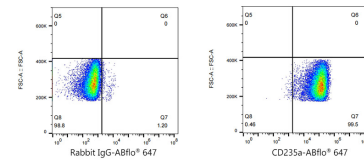
Flow cytometry:1X10^6 HEL cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 μl/Test,left) or ABflo® 647 Rabbit anti-Human CD235a/Glycophorin A mAb(A23015,5 μl/Test,right).