Biotin Rabbit anti-Human CD235a/Glycophorin A mAb

ABclonal®
Technology
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Catalog No.: A27782

Basic Information

Observed MW

Calculated MW
13kDa/16kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC58031

Conjugate
Biotin

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   ≤0.125 µg per million cells in 100 µl volume

Immunogen Information

Gene ID
2993

Swiss Prot
P02724

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

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

Contact

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Product Information

Source
Rabbit

Isotype
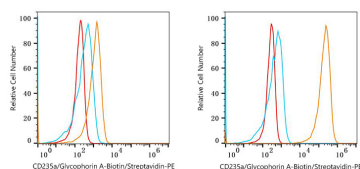IgG

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 THP-1 cells (negative control,left) and HEL cells (right) were surface-stained with Biotin Rabbit anti-Human CD235a/Glycophorin A mAb (A27782,0.125 µg,orange line) or Biotin Rabbit IgG isotype control (A25626,5 µl/Test,blue line), followed by PE Streptavidin staining. Non-fluorescently stained cells were used as blank control (red line).
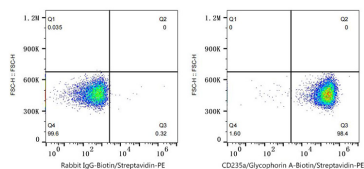
Flow cytometry: 1X10^6 HEL cells were surface-stained with Biotin Rabbit IgG isotype control (A25626,5 µl/Test,left) or Biotin Rabbit anti-Human CD235a/Glycophorin A mAb (A27782,0.125 µg,right), followed by PE Streptavidin staining.