

APC Anti-Human CD235a Antibody[HI264]

Catalog Number: AN00830E

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

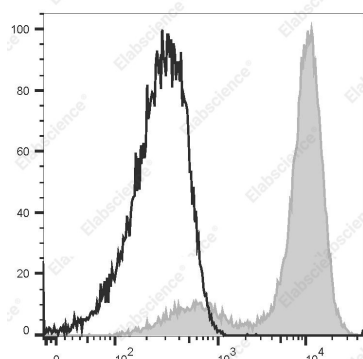
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	HI264
Isotype Control	APC Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802E]
Conjugation	APC
Conjugation Information	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications

Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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Data



Staining of normal human peripheral blood cells with APC Anti-Human CD235a Antibody[HI264] (filled gray histogram) or APC Mouse IgG2a, κ Isotype Control (empty black histogram). Cells in the Red cells gate were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	PAS-2;Sialoglycoprotein alpha;MN sialoglycoprotein;Glycophorin A;GYPA
Uniprot ID	P02724
Gene ID	2993

For Research Use Only

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Rev. V1.2

Background

CD235a (Glycophorin A) is member of the glycophorin A family. It is a type I sialoglycoprotein with a molecular weight of 10 kD, present in the cell membrane as a homodimer. Glycophorin A is expressed by erythroid precursors and erythrocytes. It carries the antigen determinants for the MNS blood groups and has been proposed to be an inhibitor of hemagglutination and hemolysis. Glycophorin A binds siglec 5, the erythrocyte binding antigen (EBA-175) of *P. falciparum* and some viruses, including influenza virus and hepatitis A virus.