

Purified Anti-Human CD235 Antibody[HIR2]

catalog number: E-AB-F1080A

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

Description

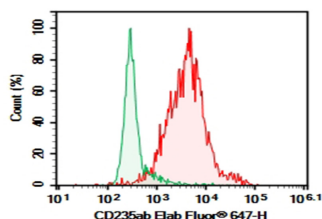
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2b, κ
Clone	HIR2
Conjugation	Unconjugated
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM	2 µg/mL (0.5×10 ⁶ -1×10 ⁶ cells)
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Data



Human peripheral blood red blood cells were stained with 0.2 µg Purified Anti-Human CD235 Antibody[HIR2] (Right) and 0.2 µg Mouse IgG2b, κ Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The HIR2 antibody reacts with a common epitope of glyophorin A (CD235a) and glyophorin B (CD235b). Glyophorin A is the major sialoglycoprotein expressed on red blood cell membrane, and erythroid precursors. Glyophorin A shares strong homology with glyophorin B. The HIR2 antibody recognizes human RBCs and erythroid precursors and is useful in erythroid cell development studies. Mature, non-nucleated red blood cells are characteristically glyophorin A positive, but CD45 and CD71 negative.