

**PE/Cy7 anti-human CD235ab**

**Catalog # / Size:** 2133100 / 100 µg  
2133095 / 25 µg

**Clone:** HIR2

**Isotype:** Mouse IgG2b, κ

**Reactivity:** Human, Non-human primate

**Concentration:** 0.2

**Applications:**

**Applications:** Flow Cytometry

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 0.02$  microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

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**Description:** The HIR2 antibody reacts with a common epitope of glycophorin A (CD235a) and glycophorin B (CD235b). Glycophorin A is the major sialoglycoprotein expressed on red blood cell membrane, and erythroid precursors. Glycophorin A shares strong homology with glycophorin 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 glycophorin A positive, but CD45 and CD71 negative.