

Manufacturer/Supplier:

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Product name: Anti-Human CD235 Monoclonal Antibody(Biotin
Conjugated)

Catalog: DL20925F

Synonyms: Glycophorin-A/B, GYPA/B, MN
sialoglycoprotein, SS-active
sialoglycoprotein, PAS-2/3, Sialoglycoprotein
alpha/delta, CD235a/b

Background: 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.

Form: Liquid

Isotype: Mouse IgG2b, κ

Size: 25 μ g/100 μ g

Host: Mouse

Reactivity: Human

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: Biotin

SwissProt: P02724,P06028

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.