

**Manufacturer/Supplier:**

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**Product name:** Purified Anti-Human CD235 Monoclonal Antibody

**Catalog:** DL20924F

**Synonyms:** Glycophorin-A/B, GYP A/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,  $\kappa$

**Size:** 25 $\mu$ g/100 $\mu$ g

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:** 0.5 mg/mL

**Conjugation:** Unconjugated

**SwissProt:** P02724,P06028

**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### 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  $\leq 0.125 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  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. Do not freeze.

This product is guaranteed up to one year from purchase.