

**Manufacturer/Supplier:**

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

**Catalog:** DL20928F

**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,  $\kappa$

**Size:**

**Host:** Mouse

20Tests/100Tests/100Tests $\times$ 2

**Reactivity:** Human

**Application:** FCM

**Concentration:** 5  $\mu$ L

**Conjugation:** APC

**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. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

**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.