



Product Datasheet

Biotin Anti-Human CD235 Antibody [HIR2]

Catalogue Code: AGEL0303

Antibody Data

Product SKU:	AGEL0303	Clone:	HIR2
Applications:	FCM		
Reactivity:	Human		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Glycophorin-A/B;GYPA/B;MN sialoglycoprotein;SS-active sialoglycoprotein;PAS-2/3;Sialoglycoprotein alpha/delta;CD235a/b;
Uniprot ID:	P02724 P06028
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
Conjugation:	Biotin
Size:	25µg, 100µg
Host Species:	Mouse
Isotype:	Mouse IgG2b, κ
Isotype Control:	Biotin Mouse IgG2b, κ Isotype Control[MPC-11] [Product AGEL0303]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: 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.