Product Datasheet

PE/Cyanine5 Anti-Human CD235 Antibody [HIR2]

Catalogue Code: AGEL1095

Antibody Data

Product SKU:	**AGEL1095**	**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.

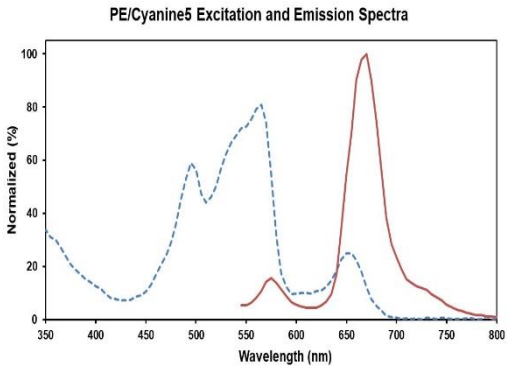
Form: Liquid

Conjugation: PE/Cyanine 5

Size: 20 Tests, 100 Tests, 200 Tests

Host Species: Mouse

Isotype: Mouse IgG2b, κ



Ex:495;565;655 nm; Em:670 nm

Isotype Control: PE/Cyanine5 Mouse IgG2b, κ Isotype Control[MPC-11] [Product AGEL1095]

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

Shipping: Biological ice pack at 4℃

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