

Antibody Data

Product SKU:	AGEL3430	Clone:	HMβ1-1
Applications:	FCM		
Reactivity:	Mouse;Rat		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: integrin β1; VLA-β chain; β1 integrin; GPIIa; ITGB1;

Uniprot ID: P09055 P49134

Background: CD29 is a 130 kD protein, also known as integrin β1, VLA-β chain, or GPIIa. It is a member of the integrin family, expressed broadly on leukocytes, endothelial cells, smooth muscle, and epithelial cells. In association with CD49a-f, CD29 forms the VLA-1 through VLA-6 complexes, respectively. It plays an important role in cell-cell or cell-matrix interaction. The HMβ1-1 antibody reacts with both mouse and rat CD29. It is able to block cell adhesion and inhibit T cell proliferation.

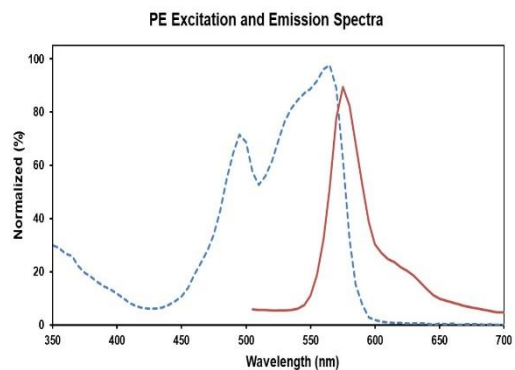
Form: Liquid

Conjugation: PE

Size: 50 Tests, 100 Tests, 200 Tests

Host Species: Armenian Hamster

Isotype: Armenian Hamster IgG



Ex:495;565 nm; Em:575 nm

Isotype Control: PE Armenian Hamster IgG Isotype Control[PIP] [Product AGEL3430]

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