Product Datasheet

PE/GenieFluor 594 Anti-Human CD11a Antibody [R7-1]

Catalogue Code: AGEL3284

Antibody Data

Product SKU:	**AGEL3284**	**Clone:**	**R7-1**
Applications:	**FCM**		
Reactivity:	**Human**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: Integrin alpha-L;LFA-1A;CD11A;ITGAL;

Uniprot ID: P20701

Background: CD11a is a 170-180 kD type I transmembrane glycoprotein also known as LFA-1α chain and integrin αL subunit. CD11a non-covalently associates with integrin β2 (CD18) to form LFA-1. It is expressed on all leukocytes, including B and T lymphocytes, monocytes, macrophages, neutrophils, basophils and eosinophils. It is absent on non-hematopoietic tissues and platelets. CD11a plays a central role in leukocyte cell-cell interactions and is important in lymphocyte costimulation. CD11a/CD18 binds to ICAM-1 (CD54), ICAM-2 (CD102), and ICAM-3 (CD50).

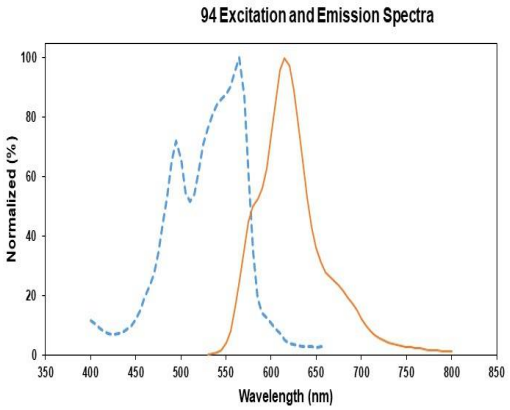
Form: Liquid

Conjugation: PE/Genie Fluor594

Size: 20 Tests, 100 Tests, 200 Tests

Host Species: Mouse

Isotype: Mouse IgG1, κ



Isotype Control: PE/Genie Fluor 594 Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL3284]

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.