Product Datasheet

PE/Cyanine5.5 Anti-Human CD11b Antibody [ICRF44]

Catalogue Code: AGEL1755

Antibody Data

Product SKU:	**AGEL1755**	**Clone:**	**ICRF44**
Applications:	**FCM**		
Reactivity:	**Human**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: Integrin alpha-M;Itgam;CD11 antigen-like family member B;CR-3 alpha chain;Leukocyte adhesion receptor MO1;CD11b;

Uniprot ID: P11215

Background: CD11b is a 165-170 kD type I transmembrane glycoprotein also known as αMintegrin, Mac-1, CR3, and C3biR. CD11b non-covalently associates with integrin β2(CD18) and is expressed on granulocytes, monocytes/macrophages, dendritic cells, NK cells, and subsets of T and B cells. CD11b/CD18 is critical for the transendothelial migration of monocytes and neutrophils. It is also involved in granulocyte adhesion, phagocytosis, and neutrophil activation. CD11b/CD18 interacts with ICAM-1 (CD54), ICAM-2 (CD102), ICAM-4, CD14, CD23, heparin, iC3b, fibrinogen, and factor X.

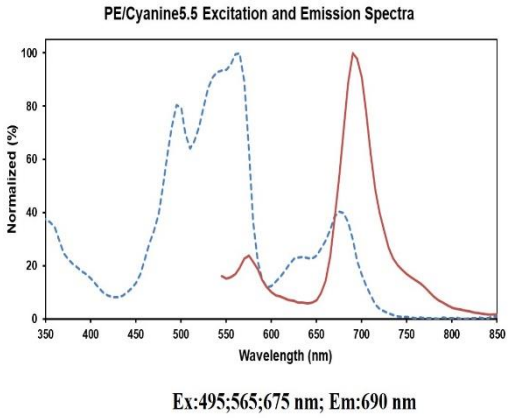
Form: Liquid

Conjugation: PE/Cyanine 5.5

Size: 20 Tests, 100 Tests, 200 Tests

Host Species: Mouse

Isotype: Mouse IgG1, κ



Ex:495;565;675 nm; Em:690 nm

Isotype Control: PE/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL1755]

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.