Product Datasheet

GenieFluor 488 Anti-Mouse CD18 Antibody [M18/2]

Catalogue Code: AGEL3143

Antibody Data

Product SKU:	**AGEL3143**	**Clone:**	**M18/2**
Applications:	**FCM**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: Integrin beta-2;Itgb2;Cell surface adhesion glycoproteins LFA-1/CR3/p150+95 subunit beta;Complement receptor C3 subunit beta;CD18;

Uniprot ID: P11835

Background: CD18 is a 95 kD protein, also known as integrin β2 subunit. It is expressed on all leukocytes. CD18, in association with integrin α chain CD11a, CD11b, and CD11c forms LFA-1, Mac-1, and αXβ2, respectively, and plays an important role in leukocytes adhesion. The CD18 integrin complexes bind ICAM-1 (CD54), ICAM-2 (CD102), ICAM-3 (CD50), iC3b, and fibrinogen.

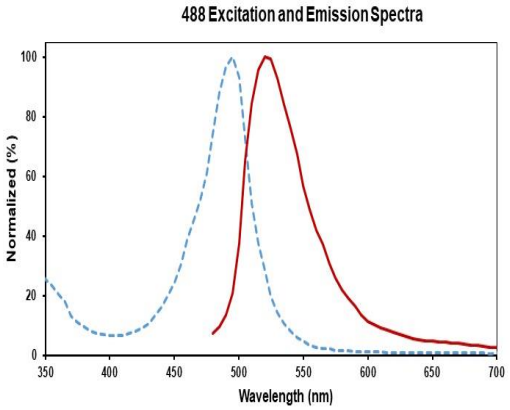
Form: Liquid

Conjugation: Genie Fluor488

Size: 50 Tests, 100 Tests, 200 Tests

Host Species: Rat

Isotype: Rat IgG2a, κ



Isotype Control: Genie Fluor 488 Rat IgG2a, κ Isotype Control[2A3] [Product AGEL3143]

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.