



## Product Datasheet

# Biotin Anti-Mouse CD18 Antibody [M18/2]

Catalogue Code: AGEL0427

### Antibody Data

<b>Product SKU:</b>	<b>AGEL0427</b>	<b>Clone:</b>	<b>M18/2</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

### Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information:

<b>Alternate Names:</b>	Integrin beta-2;Itgb2;Cell surface adhesion glycoproteins LFA-1/CR3/p150+95 subunit beta;Complement receptor C3 subunit beta;CD18;
<b>Uniprot ID:</b>	P11835
<b>Background:</b>	CD18 is a 95 kD protein, also known as integrin $\beta$ 2 subunit. It is expressed on all leukocytes. CD18, in association with integrin $\alpha$ chain CD11a, CD11b, and CD11c forms LFA-1, Mac-1, and $\alpha$ X $\beta$ 2, 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.
<b>Form:</b>	Liquid
<b>Conjugation:</b>	Biotin
<b>Size:</b>	25 $\mu$ g, 100 $\mu$ g
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG2a, $\kappa$
<b>Isotype Control:</b>	Biotin Rat IgG2a, $\kappa$ Isotype Control[2A3] [Product AGEL0427]
<b>Storage Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
<b>Shipping:</b>	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. For flow cytometric staining, the suggested use of this reagent is  $\leq 1.0 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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