

## AF/LE Purified Anti-Mouse CD18 Antibody[M18/2]

**catalog number:** E-AB-F11130

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

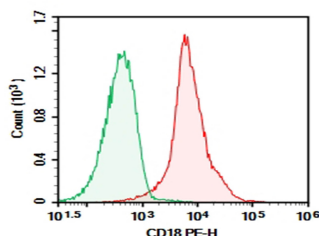
### Description

<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2a, $\kappa$
<b>Clone</b>	M18/2
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

### Applications Recommended Dilution

<b>FCM</b>	2 $\mu$ g/mL ( $1 \times 10^5$ - $5 \times 10^5$ cells)
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### Data



C57/BL6 Mouse bone marrow cells were stained with 0.2  $\mu$ g AF/LE Purified Anti-Mouse CD18 Antibody[M18/2] (Right) and 0.2  $\mu$ g Rat IgG2a,  $\kappa$  Isotype Control (Left), followed by PE-conjugated Goat Anti-Rat IgG Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
<b>Shipping</b>	Ice bag

### Background

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.

### For Research Use Only