

## Purified Anti-Mouse CD106 Antibody[M/K-2.7]

catalog number: E-AB-F1091A

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

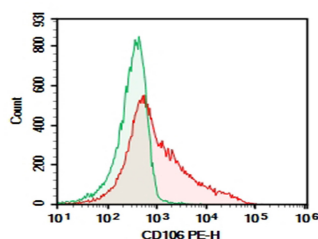
### Description

<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse CD106 protein
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, $\kappa$
<b>Clone</b>	M/K-2.7
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications Recommended Dilution

<b>FCM</b>	2 $\mu\text{g/mL}$ ( $0.5 \times 10^6$ - $1 \times 10^6$ cells)
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### Data



C57/BL6 Mouse bone marrow cells were stained with 0.2  $\mu\text{g}$  Purified Anti-Mouse CD106 Antibody[M/K-2.7] (Right) and 0.2  $\mu\text{g}$  Rat IgG1,  $\kappa$  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.
<b>Shipping</b>	Ice bag

### Background

VCAM-1 (CD106), a member of the immunoglobulin superfamily, is a cell surface protein expressed by activated endothelial cells and certain leukocytes (such as macrophages). VCAM-1 expression is induced by IL-1 beta, IL-4, TNF-alpha and IFN-gamma. VCAM-1 binds to leukocyte integrins VLA-4 and alpha 4 beta 7. The human and mouse VCAM-1 proteins share approximately 76% amino acid similarity.

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