

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

catalog number: E-AB-F10910

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

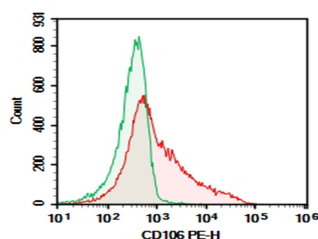
Description

Reactivity	Mouse
Immunogen	Recombinant Mouse CD106 protein
Host	Rat
Isotype	Rat IgG1, κ
Clone	M/K-2.7
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications Recommended Dilution

FCM	2 μ g/mL (0.5 \times 10 ⁶ -1 \times 10 ⁶ cells)
------------	---

Data



C57/BL6 Mouse bone marrow cells were stained with 0.2 μ g AF/LE Purified Anti-Mouse CD106 Antibody[M/K-2.7] (Right) and 0.2 μ g Rat IgG1, κ Isotype Control (Left), followed by PE-conjugated Goat Anti-Rat IgG Secondary Antibody.

Preparation & Storage

Storage	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.
Shipping	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.

For Research Use Only