

A Reliable Research Partner in Life Science and Medicine

## 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.

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Reactivity Mouse Host Rat

 Isotype
 Rat IgG1, κ

 Clone
 M/K-2.7

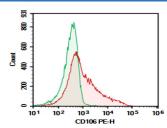
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

Applications Recommended Dilution

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

## Data



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

## **Preparation & Storage**

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**

CD106 is a 110 kD glycosylphosphatidylinositol (GPI)-linked transmembrane protein, also known as VCAM-1 and INCAM-110. It is constitutively expressed on bone marrow stromal cells, myeloid progenitors, splenic dendritic cells, activated endothelial cells, as well as some lymphocytes. CD106 expression can be upregulated on endothelial cells by inflammatory cytokines. CD106 is involved in adhesion and acts as a counter-receptor for VLA-4 ( $\alpha$ 4/ $\beta$ 1 integrin) and LPAM-1 ( $\alpha$ 4/ $\beta$ 7 integrin).

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