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Biotin Anti-Mouse CD106 Antibody[M/K-2.7]

Catalog Number: E-AB-F1091B

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

Description

Reactivity Mouse Host Rat

Isotype Rat lgG1, κ
Clone No. M/K-2.7

Isotype Control Biotin Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823B]

Conjugation Biotin

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM 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 μ g per 10⁶ cells in 100 μ L volume or 100 μ L of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names CD106;V-CAM 1;VCAM-1;Vascular cell adhesion protein 1;Vcam1

 Uniprot ID
 P29533

 Gene ID
 22329

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 (α4/β1 integrin) and LPAM-1 (α4/β7 integrin).