

Manufacturer/Supplier:

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Product name: Purified Anti-Mouse CD106 Monoclonal Antibody

Catalog: DL21030F

Synonyms: Vascular cell adhesion protein 1, Vcam1, V-CAM
1, VCAM-1, CD106

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).

Form: Liquid

Isotype: Rat IgG1, κ

Size: 25 μ g/100 μ g

Host: Rat

Reactivity: Mouse

Application: FCM.IF

Concentration: 0.5 mg/mL

Conjugation: Unconjugated

SwissProt: P29533

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

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.