Product Datasheet

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

Catalogue Code: AGEL3139

## Antibody Data

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| **Product SKU:** | **AGEL3139** | **Clone:** | **M/K-2.7** |
| **Applications:** | **FCM** | | |
| **Reactivity:** | **Mouse** | | |

## Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

## Product Information:

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

**Uniprot ID:** P29533

**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).

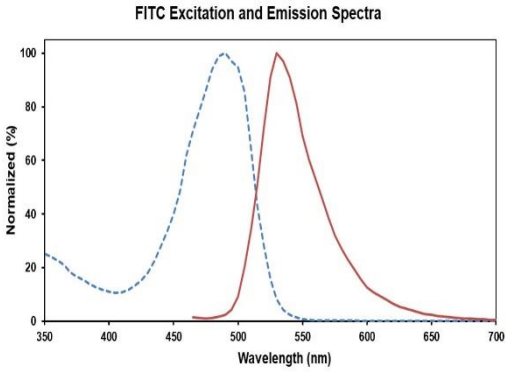
**Form:** Liquid

**Conjugation:** FITC

**Size:** 50 Tests, 100 Tests, 200 Tests

**Host Species:** Rat

**Isotype:** Rat IgG1, κ




Ex:490 nm; Em:530 nm

**Isotype Control:** FITC Rat IgG1, κ Isotype Control[HRPN] [Product AGEL3139]

**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Shipping:** Biological ice pack at 4℃

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| **Stability & Storage:** | Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase. |
| **Recommended Usage:** | Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. |