

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

AGEL0334

## Description

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This Purified Anti-Mouse CD106 Antibody [M/K-2.7] is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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|----------------------|---|
| <b>SKU:</b>          | AGEL0334  |
| <b>Contents:</b>     | 100µg, 25µg<br>Bradford Reagent: 1 vial (2ml)   |
| <b>Category:</b>     | Monoclonal Antibody   |
| <b>Clonality:</b>    | Monoclonal  |
| <b>Clone:</b>        | M/K-2.7   |
| <b>Synonyms:</b>     | CD106, INCAM-100, vascular cell adhesion molecule 1, MGC, Vascular cell adhesion protein, Vascular Cell Adhesion Molecule, VCMA, V-CAM, CD106, CD106 Antigen, INCAM 100, INCAM-100, L1CAM, MGC99561, Vascular Cell Adhesion Molecule 1, Vascular cell adhesion protein 1, VCAM 1, V-CAM 1, VCMA1, Vcam-1, Vcam1 |
| <b>Applications:</b> | <b>FCM</b>  |
| <b>Reactivity:</b>   | Mouse   |
| <b>Immunogen:</b>    | Recombinant Mouse CD106 protein   |

## Antibody Data

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|----------------------|--------|
| <b>Uniprot ID:</b>   | -      |
| <b>Gene ID:</b>      | -      |
| <b>Swissprot:</b>    | P29533 |
| <b>Host Species:</b> | Rat    |

|                                 |  |
|---------------------------------|--|
| <b>Isotype:</b>                 | Rat IgG1, κ  |
| <b>Isotype Control:</b>         | -  |
| <b>Conjugation:</b>             | -  |
| <b>Conjugation Information:</b> | -  |
| <b>Buffer:</b>                  | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.                         |
| <b>Purification:</b>            | -  |
| <b>Target:</b>                  | CD106  |
| <b>Cellular Localization:</b>   | Cell membrane, Secreted  |
| <b>Tissue Specificity:</b>      | Expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue. Expressed in the bone marrow. |
| <b>Verified Samples:</b>        | Verified Samples in FCM: C57/BL6 Mouse bone marrow   |
| <b>Concentration:</b>           | ≥ 1 mg/mL  |

## Preparation & Storage

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**Storage:** Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.

**Shipping:** Ice bag

**Recommended Dilution:** FCM 2 µg/mL(0.5×10<sup>6</sup>-1×10<sup>6</sup> cells)

**Recommended Usage:**

| Application | Recommended Usage |
|-------------|-------------------|
| -           | -                 |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

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