

# Rabbit anti-Mouse VCAM-1/CD106 mAb

**Catalog No.:** RMK0454

## Basic Information

**Catalog No.**  
RMK0454

**Catagory**  
Elisa Antibody Kit

**Application**  
Multiplex

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**  
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**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

## Contact

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## Background

Predicted to enable integrin binding activity and primary amine oxidase activity. Acts upstream of or within several processes, including cellular response to glucose stimulus; chorio-allantoic fusion; and heterophilic cell-cell adhesion via plasma membrane cell adhesion molecules. Located in apical plasma membrane. Is expressed in several structures, including brain; embryo mesenchyme; extraembryonic component; heart; and hemolymphoid system. Human ortholog(s) of this gene implicated in hypertension. Orthologous to human VCAM1 (vascular cell adhesion molecule 1).

## Immunogen Information

**Immunogen**  
Recombinant mouse VCAM-1/CD106 Protein

## Cross-Reactivity

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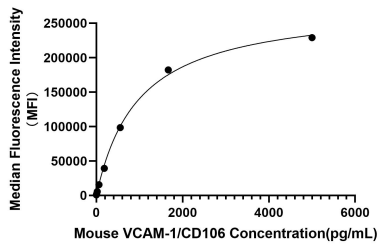
## Assay Applications

Mouse VCAM-1/CD106 Sandwich Immunoassay

|           |           | Recommended Concentration | Sample                                                    |
|-----------|-----------|---------------------------|-----------------------------------------------------------|
| Multiplex | Capture   | 3-20 µg/mL                | Rabbit anti-Mouse VCAM-1/CD106 mAb (Cat. No. RMK0454)     |
|           | Detection | 0.017-2 µg/mL             | Rabbit anti-Mouse VCAM-1/CD106 mAb (Cat. No. RMK0455)     |
|           | Standard  | 6.86-5000 pg/mL           | Recombinant Mouse VCAM-1/CD106 Protein (Cat. No. RP01227) |

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.