## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 5, 2025

# Mouse VCAM-1/CD106 Antibody

RRID:AB\_355499 Type: Antibody

#### **Proper Citation**

(R and D Systems Cat# AF643, RRID:AB\_355499)

#### Antibody Information

URL: http://antibodyregistry.org/AB\_355499

Proper Citation: (R and D Systems Cat# AF643, RRID:AB\_355499)

Target Antigen: VCAM-1/CD106

Host Organism: Goat

Clonality: polyclonal

**Comments:** Applications: Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, CyTOF-ready

Antibody Name: Mouse VCAM-1/CD106 Antibody

Description: This polyclonal targets VCAM-1/CD106

Target Organism: Mouse

Antibody ID: AB\_355499

Vendor: R and D Systems

Catalog Number: AF643

Alternative Catalog Numbers: AF643-SP

Record Creation Time: 20241016T235813+0000

Record Last Update: 20241017T013042+0000

### **Ratings and Alerts**

No rating or validation information has been found for Mouse VCAM-1/CD106 Antibody.

No alerts have been found for Mouse VCAM-1/CD106 Antibody.

#### Data and Source Information

Source: Antibody Registry

#### **Usage and Citation Metrics**

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Bejarano L, et al. (2024) Interrogation of endothelial and mural cells in brain metastasis reveals key immune-regulatory mechanisms. Cancer cell, 42(3), 378.

Biswas L, et al. (2023) Lymphatic vessels in bone support regeneration after injury. Cell, 186(2), 382.

Bennion BG, et al. (2020) STING Gain-of-Function Disrupts Lymph Node Organogenesis and Innate Lymphoid Cell Development in Mice. Cell reports, 31(11), 107771.

Sikpa D, et al. (2020) Cerebrovascular inflammation promotes the formation of brain metastases. International journal of cancer, 147(1), 244.

Dieterich LC, et al. (2019) Transcriptional profiling of breast cancer-associated lymphatic vessels reveals VCAM-1 as regulator of lymphatic invasion and permeability. International journal of cancer, 145(10), 2804.

Liu X, et al. (2019) Cell-Type-Specific Interleukin 1 Receptor 1 Signaling in the Brain Regulates Distinct Neuroimmune Activities. Immunity, 50(2), 317.

Moretti FA, et al. (2018) Differential requirement of kindlin-3 for T cell progenitor homing to the non-vascularized and vascularized thymus. eLife, 7.