

## Vascular Cell Adhesion Molecule 1 (VCAM1) Antibody (PE)

Catalogue No.: abx139932



Fluorescence emission spectra of PE.

Vascular Cell Adhesion Molecule 1 / CD106 (VCAM1) Antibody is a Mouse Monoclonal against Vascular Cell Adhesion Molecule 1 / CD106 (VCAM1).

|                               |                                                                                                                                                                                                                 |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | Vascular Cell Adhesion Molecule 1 (VCAM1)                                                                                                                                                                       |
| <b>Clonality:</b>             | Monoclonal                                                                                                                                                                                                      |
| <b>Clone:</b>                 | Q595                                                                                                                                                                                                            |
| <b>Reactivity:</b>            | Human                                                                                                                                                                                                           |
| <b>Tested Applications:</b>   | FCM                                                                                                                                                                                                             |
| <b>Host:</b>                  | Mouse                                                                                                                                                                                                           |
| <b>Recommended dilutions:</b> | FCM: 20 µl/100 µl of whole blood or 10 <sup>6</sup> cells. Validated in IHC-F. Optimal dilutions/concentrations should be determined by the end user. The content of a vial (2 ml) is sufficient for 100 tests. |
| <b>Conjugation:</b>           | PE                                                                                                                                                                                                              |
| <b>Excitation/Emission:</b>   | 565/575                                                                                                                                                                                                         |
| <b>Laser Line:</b>            | 550                                                                                                                                                                                                             |
| <b>Immunogen:</b>             | Human DS6 T cell line.                                                                                                                                                                                          |
| <b>Isotype:</b>               | IgG <sub>1</sub>                                                                                                                                                                                                |
| <b>Storage:</b>               | Store in the dark at 2-8°C. Avoid exposure to light. Do not freeze.                                                                                                                                             |
| <b>UniProt Primary AC:</b>    | P19320 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                                                                                     |

# Datasheet

Version: 3.0.0

Revision date: 10 Sep 2025



**Gene Symbol:** VCAM1

**GeneID:** [7412](#)

**KEGG:** hsa:7412

**String:** [9606.ENSP00000294728](#)

**Buffer:** Stabilizing PBS solution containing 15 mM sodium azide.

**Specificity:** The mouse monoclonal antibody recognizes CD106 antigen (VCAM-1), a 100-110 kDa type I membrane protein of the immunoglobulin superfamily, a crucial mediator of leukocyte adhesion, and a costimulation molecule.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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