

# Product Datasheet

## **VCAM-1/CD106 Antibody (MVCAM A (429)) [Janelia Fluor® 549]**

**NBP2-50620JF549**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-50620JF549**

VCAM-1/CD106 Antibody (MVCAM A (429)) [Janelia Fluor® 549]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                      |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                         |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                       |
| Clone                       | MVCAM A (429)                                                                                                                                                                                                                                                                                                                                                                                    |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                               |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                              |
| Conjugate                   | Janelia Fluor 549                                                                                                                                                                                                                                                                                                                                                                                |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                          |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                               |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                  |
| Host                        | Rat                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene ID                     | 7412                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Symbol                 | VCAM1                                                                                                                                                                                                                                                                                                                                                                                            |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity/Sensitivity     | Recognizes murine vascular adhesion molecule 1 (VCAM-1), a cell surface glycoprotein that is also known as CD106. CD106 is expressed predominantly on endothelial cells and expression is up-regulated during inflammation. The ligand for CD106 is the alpha 4 subunit (CD49d) of the integrin VLA-4 (CD49d/CD29). Clone MVCAM.A(429) is reported to partially block VCAM-1 mediated functions. |
| Immunogen                   | Stromal cell line PA6                                                                                                                                                                                                                                                                                                                                                                            |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applications                | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunocytochemistry, Immunofluorescence                                                                                                                                                                                                                                                                                       |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunofluorescence, Immunocytochemistry                                                                                                                                                                                                                                                                                       |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                           |





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### **Products Related to NBP2-50620JF549**

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|               |                                          |
|---------------|------------------------------------------|
| NBP2-38223PEP | VCAM-1/CD106 Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                 |
| DVC00         | VCAM-1/CD106 [HRP]                       |
| DVE00         | VEGF [HRP]                               |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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