

# Product Datasheet

## CD31/PECAM-1 Antibody [Janelia Fluor® 549] AF3628I

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF3628I****CD31/PECAM-1 Antibody [Janelia Fluor® 549]**

| <b>Product Information</b>         |                                                                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                     |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                |
| <b>Storage</b>                     | Store at 4C in the dark.                                                                                                                                                                   |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                 |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                         |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                        |
| <b>Conjugate</b>                   | Janelia Fluor 549                                                                                                                                                                          |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                  |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                         |
| <b>Product Description</b>         |                                                                                                                                                                                            |
| <b>Host</b>                        | Goat                                                                                                                                                                                       |
| <b>Gene ID</b>                     | 5175                                                                                                                                                                                       |
| <b>Gene Symbol</b>                 | PECAM1                                                                                                                                                                                     |
| <b>Species</b>                     | Human, Mouse, Rat                                                                                                                                                                          |
| <b>Specificity/Sensitivity</b>     | Detects human and mouse CD31/PECAM-1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 10% cross-reactivity with recombinant porcine CD31 is observed. |
| <b>Immunogen</b>                   | Mouse myeloma cell line NS0-derived recombinant mouse CD31/PECAM-1 Glu18-Lys590<br>Accession # Q08481                                                                                      |
| <b>Notes</b>                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                      |
| <b>Product Application Details</b> |                                                                                                                                                                                            |
| <b>Applications</b>                | Western Blot, Flow Cytometry, Immunohistochemistry, CyTOF-ready, Immunocytochemistry                                                                                                       |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry, CyTOF-ready                                                                                                       |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                     |



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### **Products Related to AF3628I**

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|               |                                              |
|---------------|----------------------------------------------|
| NBP2-33376H   | Blue Marker Antibody (6F4-F6) [HRP]          |
| AB-108-CI     | Goat IgG Isotype Control [Janelia Fluor 549] |
| NBP2-54655PEP | CD31/PECAM-1 Recombinant Protein Antigen     |
| 210-TA-005    | TNF-alpha [Unconjugated]                     |

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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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