

# Product Datasheet

## ICAM-1/CD54 Antibody [Janelia Fluor® 669] AF720JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF720JF669**

ICAM-1/CD54 Antibody [Janelia Fluor® 669]

| 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                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                     |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                            |
| Conjugate                   | Janelia Fluor 669                                                                                                                                                                                                                                                                                                                                                              |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                      |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                             |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Sheep                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 3383                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | ICAM1                                                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity/Sensitivity     | Selected for its ability to block the adhesion of HSB $\alpha$ 2 cells to immobilized recombinant human (rh) ICAM $\alpha$ 1. In direct ELISAs, approximately 5% cross-reactivity with rhICAM-3 is observed and less than 2% cross-reactivity with rhICAM-2, rhICAM-4, rhICAM-5, recombinant rat ICAM $\alpha$ 1, recombinant mouse ICAM $\alpha$ 1, and rhVCAM-1 is observed. |
| Immunogen                   | Chinese hamster ovary cell line CHO-derived recombinant human ICAM-1 Extracellular domain                                                                                                                                                                                                                                                                                      |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Western Blot, Adhesion Blockade, Immunocytochemistry, Knockout Validated                                                                                                                                                                                                                                                                                                       |
| Recommended Dilutions       | Western Blot, Adhesion Blockade, Immunocytochemistry, Knockout Validated                                                                                                                                                                                                                                                                                                       |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                         |



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**Products Related to AF720JF669**

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|               |                                         |
|---------------|-----------------------------------------|
| NBP1-88701PEP | ICAM-1/CD54 Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                |
| 796-IC-050    | ICAM-1/CD54 [Unconjugated]              |
| M6000B-1      | IL-6 [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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