

# Product Datasheet

## **Aldo-keto Reductase 1C3/AKR1C3 Antibody [Janelia Fluor® 669] AF7678JF669**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF7678JF669**

Aldo-keto Reductase 1C3/AKR1C3 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                     | 8644                                                                                                                                                                                                                                                    |
| Gene Symbol                 | AKR1C3                                                                                                                                                                                                                                                  |
| Species                     | Human                                                                                                                                                                                                                                                   |
| Specificity/Sensitivity     | Detects human Aldo-keto Reductase 1C3/AKR1C3 in direct ELISAs and Western blots. In direct ELISAs, approximately 40% cross-reactivity with recombinant human (rh) AKR1C1 is observed, and approximately 25% cross-reactivity with rhAKR1C4 is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant human Aldo-keto Reductase 1C3/AKR1C3 Met1-Tyr323<br>Accession # P42330                                                                                                                                              |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                   |
| Product Application Details |                                                                                                                                                                                                                                                         |
| Applications                | Western Blot                                                                                                                                                                                                                                            |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                                            |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                  |





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### **Products Related to AF7678JF669**

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|                |                                 |
|----------------|---------------------------------|
| DPG00          | PLGF [HRP]                      |
| 7678-DH-020    | Aldo-keto Reductase 1C3/AKR1C3  |
| NB100-689      | COX-2 Antibody                  |
| NB300-581-10uL | SERCA2 ATPase Antibody (2A7-A1) |

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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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