

# Product Datasheet

## Semaphorin 6D Antibody [Janelia Fluor® 669] AF2095JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2095JF669**

Semaphorin 6D 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                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene ID                     | 80031                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Symbol                 | SEMA6D                                                                                                                                                                                                                                                                                                                                                                                                             |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity/Sensitivity     | Detects human Semaphorin 6D in direct ELISAs and Western blots. In direct ELISAs, approximately 10% cross-reactivity with recombinant human (rh) Semaphorin 6C is observed, 5% cross-reactivity with rhSemaphorin 6B is observed and less than 1% cross-reactivity with rhSemaphorin 3A, rhSemaphorin 3B, recombinant mouse (rm) Semaphorin 3E, rmSemaphorin 3F, rhSemaphorin 3A, and rhSemaphorin 7A is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Semaphorin 6D Ser22-His660<br>Accession # Q8NFI4                                                                                                                                                                                                                                                                                                             |
| 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 AF2095JF669**

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|               |                                              |
|---------------|----------------------------------------------|
| AB-108-CJF669 | Goat IgG Isotype Control [Janelia Fluor 669] |
| DVE00         | VEGF [HRP]                                   |
| 7067-S6-050   | Semaphorin 6D                                |
| 462-TEC-010   | TRANCE/TNFSF11/RANK L [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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