

# Product Datasheet

## Semaphorin 6C Antibody [Janelia Fluor® 525] AF2108JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2108JF525**

Semaphorin 6C Antibody [Janelia Fluor® 525]

| 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 525                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID                     | 10500                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol                 | SEMA6C                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity/Sensitivity     | Detects mouse Semaphorin 6C in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 10% cross-reactivity with recombinant human (rh) Semaphorin 6B and rhSemaphorin 6D is observed, 5% cross-reactivity with rhSemaphorin 6A is observed, and less than 3% cross-reactivity with rhSemaphorin 3A, rhSemaphorin 3B, recombinant mouse (rm) Semaphorin 3C, rmSemaphorin 3E, rmSemaphorin 3F, and rmSemaphorin 7A is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant mouse Semaphorin 6C Ala26-Ile602<br>Accession # Q9WTM3                                                                                                                                                                                                                                                                                                                                                    |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                     |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Applications                | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Recommended Dilutions       | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                    |





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### **Products Related to AF2108JF525**

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|               |                                              |
|---------------|----------------------------------------------|
| AB-108-CJF525 | Goat IgG Isotype Control [Janelia Fluor 525] |
| 7347-WN-025   | Wnt-5b [Unconjugated]                        |
| 2108-S6-050   | Semaphorin 6C                                |
| AF566         | Neuropilin-1 Antibody [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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