

# Product Datasheet

## Semaphorin 7A Antibody [Janelia Fluor® 525] AF1835JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 7/13/2025 v.20.1

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**AF1835JF525**

Semaphorin 7A 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                     | 8482                                                                                                                                                                                                                                                                                                                                    |
| Gene Symbol                 | SEMA7A                                                                                                                                                                                                                                                                                                                                  |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                                   |
| Specificity/Sensitivity     | Detects mouse Semaphorin 7A in direct ELISAs and Western blots. In these formats, less than 1% cross-reactivity with recombinant mouse (rm) Semaphorin 3C, rmSemaphorin 3E, rmSemaphorin 3F, rmSemaphorin 6A, rmSemaphorin 6B, rmSemaphorin 6C, recombinant human (rh) Semaphorin 3A, rhSemaphorin 3B, and rhSemaphorin 6D is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant mouse Semaphorin 7A<br>Gln45-Ala646<br>Accession # Q9QUR8                                                                                                                                                                                                                               |
| 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 AF1835JF525**

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|                 |                                                            |
|-----------------|------------------------------------------------------------|
| NBP2-61977-10ug | Recombinant Human Semaphorin 7A Isoform 1 hlgG-His Protein |
| 233-FB-025      | FGF basic/FGF2/bFGF [Unconjugated]                         |
| 2068-S7-050     | Semaphorin 7A [Unconjugated]                               |
| AF1356          | CD117/c-kit 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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