

# Product Datasheet

## Semaphorin 6A Antibody [Janelia Fluor® 646] AF1615J

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1615J**

Semaphorin 6A Antibody [Janelia Fluor® 646]

| 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 646                                                                                                                                                                                                                                                                                                                           |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                   |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                                                                                                                                                             |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                        |
| Gene ID                     | 57556                                                                                                                                                                                                                                                                                                                                       |
| Gene Symbol                 | SEMA6A                                                                                                                                                                                                                                                                                                                                      |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity     | Detects mouse Semaphorin 6A in direct ELISAs and Western blots. In Western blots, approximately 25% cross-reactivity with recombinant human (rh) Semaphorin 6A is observed and less than 1% cross-reactivity with rhSemaphorin 3A, rhSemaphorin 3B, recombinant mouse (rm) Semaphorin 3C, rmSemaphorin 3F, and rmSemaphorin 7A is observed. |
| Immunogen                   | <i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse Semaphorin 6A<br>Gly19-Thr649<br>Accession # O35464                                                                                                                                                                                                           |
| 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 AF1615J**

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|               |                                              |
|---------------|----------------------------------------------|
| AB-108-CJ     | Goat IgG Isotype Control [Janelia Fluor 646] |
| NBP1-83155PEP | Semaphorin 6A Recombinant Protein Antigen    |
| DVE00         | VEGF [HRP]                                   |
| 1146-S6-025   | Semaphorin 6A [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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