

# Product Datasheet

## Semaphorin 4D/CD100 Antibody (758726) [mFluor Violet 450 SE] FAB74701MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB74701MFV450**

Semaphorin 4D/CD100 Antibody (758726) [mFluor Violet 450 SE]

| 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                   | Monoclonal                                                                                                                                                                                                                                                                                   |
| Clone                       | 758726                                                                                                                                                                                                                                                                                       |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                           |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                         |
| Conjugate                   | mFluor Violet 450 SE                                                                                                                                                                                                                                                                         |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                   |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                           |
| Product Description         |                                                                                                                                                                                                                                                                                              |
| Host                        | Mouse                                                                                                                                                                                                                                                                                        |
| Gene ID                     | 10507                                                                                                                                                                                                                                                                                        |
| Gene Symbol                 | SEMA4D                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity     | Detects human Semaphorin 4D/CD100 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human Semaphorin 4B, 4C, 4G, or recombinant mouse Semaphorin 4D is observed. In Western blots, no cross-reactivity with rhSemaphorin 4A, 6A, or 6C is observed. |
| Immunogen                   | Chinese hamster ovary cell line CHO-derived recombinant human Semaphorin 4D/CD100<br>Met22-Arg734<br>Accession # Q92854                                                                                                                                                                      |
| Notes                       | mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.                                                        |
| Product Application Details |                                                                                                                                                                                                                                                                                              |
| Recommended Dilutions       | Western Blot, Flow Cytometry, CyTOF-ready                                                                                                                                                                                                                                                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                       |





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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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