

# Product Datasheet

## Semaphorin 4G Antibody [mFluor Violet 450 SE] AF6504MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF6504MFV450**

Semaphorin 4G Antibody [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                   | Polyclonal                                                                                                                                                                                                                                                                                            |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                   |
| Conjugate                   | mFluor Violet 450 SE                                                                                                                                                                                                                                                                                  |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                             |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                                                                                       |
| Host                        | Sheep                                                                                                                                                                                                                                                                                                 |
| Gene ID                     | 57715                                                                                                                                                                                                                                                                                                 |
| Gene Symbol                 | SEMA4G                                                                                                                                                                                                                                                                                                |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | Detects mouse Semaphorin 4G in direct ELISAs and Western blots. In direct ELISAs, approximately 20% cross-reactivity with recombinant human Semaphorin 4G is observed, and less than 1% cross-reactivity with recombinant mouse (rm) Semaphorin 4B, rmSemaphorin 4C, and rmSemaphorin 4F is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant mouse Semaphorin 4G Val18-Met673<br>Accession # Q9WUH7                                                                                                                                                                                                |
| 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 |                                                                                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                                    |
| Recommended Dilutions       | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                |





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to AF6504MFV450**

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|               |                                           |
|---------------|-------------------------------------------|
| NBP1-82171PEP | Semaphorin 4G Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                  |
| 5840-S4-050   | Semaphorin 4G                             |
| 285-IF-100    | IFN-gamma [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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