

# Product Datasheet

## Semaphorin 4A Antibody (741531) [DyLight 405] FAB4694E

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB4694E**

Semaphorin 4A Antibody (741531) [DyLight 405]

| 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                       | 741531                                                                                                                                                                                                                                                                            |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                              |
| Conjugate                   | DyLight 405                                                                                                                                                                                                                                                                       |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                        |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                                                   |
| Host                        | Mouse                                                                                                                                                                                                                                                                             |
| Gene ID                     | 64218                                                                                                                                                                                                                                                                             |
| Gene Symbol                 | SEMA4A                                                                                                                                                                                                                                                                            |
| Specificity/Sensitivity     | Detects human Semaphorin 4A in direct ELISAs. In direct ELISAs, 50%-100% cross-reactivity with recombinant human (rh) Semaphorin 4C and rhSemaphorin 4G is observed, and less than 5% cross-reactivity with rhSemaphorin 4B, 4D, and recombinant mouse Semaphorin 4A is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Semaphorin 4A Gly32-His683<br>Accession # Q9H3S1                                                                                                                                                                            |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                   |
| Recommended Dilutions       | 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.

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