

# Product Datasheet

## Semaphorin 4C Antibody [DyLight 405] AF6125E

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF6125E****Semaphorin 4C Antibody [DyLight 405]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                        |
| <b>Storage</b>                     | Store at 4C in the dark.                                                                                                                                                                                                                                                           |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                                                                                         |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                 |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                |
| <b>Conjugate</b>                   | DyLight 405                                                                                                                                                                                                                                                                        |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                                                          |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                 |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                    |
| <b>Host</b>                        | Sheep                                                                                                                                                                                                                                                                              |
| <b>Gene ID</b>                     | 54910                                                                                                                                                                                                                                                                              |
| <b>Gene Symbol</b>                 | SEMA4C                                                                                                                                                                                                                                                                             |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                              |
| <b>Specificity/Sensitivity</b>     | Detects human Semaphorin 4C in direct ELISAs and Western blots. In direct ELISAs, less than 15% cross-reactivity with recombinant mouse (rm) Sema4C is observed and less than 5% cross-reactivity with recombinant human (rh) Sema4G, rhSema4D, rhSema4B and rhSema4A is observed. |
| <b>Immunogen</b>                   | Mouse myeloma cell line NS0-derived recombinant human Semaphorin 4C Ala21-Gly663<br>Accession # Q9C0C4                                                                                                                                                                             |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                  |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>                | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                 |
| <b>Recommended Dilutions</b>       | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                 |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                             |





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### **Products Related to AF6125E**

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|               |                                           |
|---------------|-------------------------------------------|
| NBP1-80769PEP | Semaphorin 4C Recombinant Protein Antigen |
| 212-GD-010    | GDNF [Unconjugated]                       |
| 8394-S4-050   | Semaphorin 4C [Unconjugated]              |
| NB300-556     | PSD-95 Antibody (6G6-1C9) - BSA Free      |

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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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