

# Product Datasheet

## **Carbonic Anhydrase XII/CA12 Antibody (336103) [DyLight 594] FAB2345M**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB2345M**

Carbonic Anhydrase XII/CA12 Antibody (336103) [DyLight 594]

| 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                       | 336103                                                                                                                                                                                                                                                                                                    |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                        |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                                                     |
| Conjugate                   | DyLight 594                                                                                                                                                                                                                                                                                               |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                           |
| Host                        | Rat                                                                                                                                                                                                                                                                                                       |
| Gene ID                     | 771                                                                                                                                                                                                                                                                                                       |
| Gene Symbol                 | Car12                                                                                                                                                                                                                                                                                                     |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                     |
| Specificity/Sensitivity     | Detects mouse Carbonic Anhydrase XII/CA12 in direct ELISAs and Western blots. In Western blots, 100% cross-reactivity with recombinant human (rh) CA12, 10% cross-reactivity with rhCA2, and no cross-reactivity with rhCA1, 3, 5A, 5B, 6, 7, 8, 10, 11, 13, recombinant mouse CA4, 9, or 14 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant mouse Carbonic Anhydrase XII/CA12<br>Ala25-Ser301<br>Accession # Q8CI85                                                                                                                                                                                   |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                                                                                           |
| Applications                | Western Blot                                                                                                                                                                                                                                                                                              |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                                                                                              |
| 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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