

# Product Datasheet

## **Carbonic Anhydrase XII/CA12 Antibody (336103) [mFluor Violet 450 SE] FAB2345MFV450**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB2345MFV450**

Carbonic Anhydrase XII/CA12 Antibody (336103) [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               | 336103                                                                                      |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2a                                                                                       |
| Conjugate           | mFluor Violet 450 SE                                                                        |
| 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                   | 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                                                           |
| 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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