

# Product Datasheet

## **Carbonic Anhydrase IV/CA4 Antibody (310413) [DyLight 755] FAB2186Z**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB2186Z**

Carbonic Anhydrase IV/CA4 Antibody (310413) [DyLight 755]

| 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                       | 310413                                                                                                                                                                                                                                                                                  |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                      |
| Isotype                     | IgG2b                                                                                                                                                                                                                                                                                   |
| Conjugate                   | DyLight 755                                                                                                                                                                                                                                                                             |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                              |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                                         |
| Host                        | Mouse                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 762                                                                                                                                                                                                                                                                                     |
| Gene Symbol                 | CA4                                                                                                                                                                                                                                                                                     |
| Species                     | Human                                                                                                                                                                                                                                                                                   |
| Specificity/Sensitivity     | Detects human Carbonic Anhydrase IV/CA4 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 10% cross-reactivity with recombinant human (rh) CA1, rhCA2, and recombinant mouse CA4 is observed. Does not cross-react with rhCA3, 8, 9, 10, 12, 13, or 14. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Carbonic Anhydrase IV/CA4<br>Ala19-Lys283<br>Accession # P22748                                                                                                                                                                   |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                                         |
| Applications                | Western Blot, Immunohistochemistry, Immunoprecipitation                                                                                                                                                                                                                                 |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunoprecipitation                                                                                                                                                                                                                                 |
| 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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