

# Product Datasheet

## Carbonic Anhydrase II/CA2 Antibody [DyLight 594] AF2184M

Unit Size: 0.1 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



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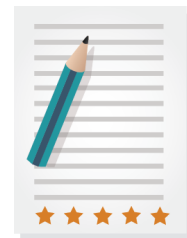
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**AF2184M****Carbonic Anhydrase II/CA2 Antibody [DyLight 594]**

| <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 594                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                          |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                 |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                    |
| <b>Host</b>                        | Sheep                                                                                                                                                                                                                                                                                                              |
| <b>Gene ID</b>                     | 760                                                                                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>                 | CA2                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                              |
| <b>Specificity/Sensitivity</b>     | Detects human Carbonic Anhydrase II/CA2 in direct ELISAs and Western blots. In direct ELISAs, approximately 5% cross-reactivity with recombinant human (rh) Carbonic Anhydrase I, III, and XIII is observed and less than 1% cross-reactivity with rhCarbonic Anhydrase IV, VIII, IX, X, XII, and XIV is observed. |
| <b>Immunogen</b>                   | <i>E. coli</i> -derived recombinant human Carbonic Anhydrase II/CA2<br>Ser2-Lys260<br>Accession # P00918                                                                                                                                                                                                           |
| <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, Immunoprecipitation                                                                                                                                                                                                                                                            |
| <b>Recommended Dilutions</b>       | Western Blot, Immunohistochemistry, Immunoprecipitation                                                                                                                                                                                                                                                            |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                             |



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### **Products Related to AF2184M**

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|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| NBP2-52240-0.02mg | Recombinant E. coli Carbonic Anhydrase II/CA2 His Protein |
| 233-FB-025        | FGF basic/FGF2/bFGF [Unconjugated]                        |
| 2184-CA-050       | Carbonic Anhydrase II/CA2                                 |
| NB300-141         | GFAP Antibody                                             |

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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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