

# Product Datasheet

## Carbonic Anhydrase IX/CA9 Antibody [Allophycocyanin] AF2188A

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2188A****Carbonic Anhydrase IX/CA9 Antibody [Allophycocyanin]**

| <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>                   | Allophycocyanin                                                                                                                                                                                                                                                              |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                                                    |
| <b>Buffer</b>                      | PBS                                                                                                                                                                                                                                                                          |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                              |
| <b>Host</b>                        | Goat                                                                                                                                                                                                                                                                         |
| <b>Gene ID</b>                     | 768                                                                                                                                                                                                                                                                          |
| <b>Gene Symbol</b>                 | CA9                                                                                                                                                                                                                                                                          |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                        |
| <b>Specificity/Sensitivity</b>     | Detects human Carbonic Anhydrase IX (CA9) in direct ELISAs and Western blots. In direct ELISAs, approximately 10% cross-reactivity with recombinant mouse CA9 is observed and less than 1% cross-reactivity with recombinant human CA1, 3, 4, 8, 10, 12, and 14 is observed. |
| <b>Immunogen</b>                   | Mouse myeloma cell line NS0-derived recombinant human Carbonic Anhydrase IX<br>Pro59-Asp414<br>Accession # Q16790                                                                                                                                                            |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                              |
| <b>Applications</b>                | Western Blot, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-reported, Immunocytochemistry                                                                                                                                                                 |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunocytochemistry, CyTOF-reported                                                                                                                                                                 |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                       |





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### **Products Related to AF2188A**

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|              |                                                     |
|--------------|-----------------------------------------------------|
| IC108A       | Goat IgG Isotype Control [Allophycocyanin]          |
| NB100-417PEP | Carbonic Anhydrase IX/CA9 Antibody Blocking Peptide |
| 210-TA-005   | TNF-alpha [Unconjugated]                            |
| DCA900       | Carbonic Anhydrase IX/CA9 [HRP]                     |

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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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