

# Product Datasheet

## Carbonic Anhydrase IV/CA4 Antibody [Janelia Fluor® 646] AF2186J

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2186J**

Carbonic Anhydrase IV/CA4 Antibody [Janelia Fluor® 646]

| <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>                   | Janelia Fluor 646   |
| <b>Purity</b>                      | Antigen Affinity-purified   |
| <b>Buffer</b>                      | 50mM Sodium Borate  |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Goat  |
| <b>Gene ID</b>                     | 762   |
| <b>Gene Symbol</b>                 | CA4   |
| <b>Species</b>                     | Human   |
| <b>Specificity/Sensitivity</b>     | Detects human Carbonic Anhydrase IV/CA4 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 20% cross-reactivity with recombinant mouse CA4 is observed and less than 5% cross-reactivity with recombinant human CA1, 2, 3, 8, 9, 10, 12, and 13 is observed. |
| <b>Immunogen</b>                   | Mouse myeloma cell line NS0-derived recombinant human Carbonic Anhydrase IV/CA4<br>Ala19-Lys283<br>Accession # P22748   |
| <b>Notes</b>                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |
| <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 AF2186J**

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|               |   |
|---------------|---|
| NBP1-88226PEP | Carbonic Anhydrase IV/CA4 Recombinant Protein Antigen |
| DBD00         | BDNF [HRP]  |
| 2186-CA-010   | Carbonic Anhydrase IV/CA4                             |
| NB100-417     | Carbonic Anhydrase IX/CA9 Antibody - BSA Free         |

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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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