

# Product Datasheet

## Carbonic Anhydrase I/CA1 Antibody (363121) [Janelia Fluor® 549] FAB2180I

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB2180I**

Carbonic Anhydrase I/CA1 Antibody (363121) [Janelia Fluor® 549]

| 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                       | 363121                                                                                                                                                                                                                                                |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                    |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                 |
| Conjugate                   | Janelia Fluor 549                                                                                                                                                                                                                                     |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                            |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                                       |
| Host                        | Rat                                                                                                                                                                                                                                                   |
| Gene ID                     | 759                                                                                                                                                                                                                                                   |
| Gene Symbol                 | CA1                                                                                                                                                                                                                                                   |
| Species                     | Human                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | Detects human Carbonic Anhydrase I/CA1 in direct ELISAs and Western blots. In Western blots, 30% cross-reactivity with recombinant human (rh) CA2 is observed and no cross-reactivity with rhCA3, -4, -7, -8, -10, -11, -12, -13, or -14 is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant human Carbonic Anhydrase I/CA1 Ala2-Phe261<br>Accession # P00915                                                                                                                                                  |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                 |
| 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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