

# Product Datasheet

## Serpin A1c/alpha 1-Antitrypsin Antibody [Janelia Fluor® 646] AF2979J

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2979J**

Serpine A1c/alpha 1-Antitrypsin 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>                     | 5265                                                                                                                                                                                                                                                            |
| <b>Gene Symbol</b>                 | Serpina1c                                                                                                                                                                                                                                                       |
| <b>Species</b>                     | Mouse                                                                                                                                                                                                                                                           |
| <b>Specificity/Sensitivity</b>     | Detects mouse Serpin A1c/α1-Antitrypsin in direct ELISAs and Western blots. In direct ELISAs, approximately 70% cross-reactivity with recombinant mouse Serpin A1a is observed, and less than 3% cross-reactivity with recombinant human Serpin A1 is observed. |
| <b>Immunogen</b>                   | Mouse myeloma cell line NS0-derived recombinant mouse Serpin A1c/α1-Antitrypsin<br>Glu25-Lys413<br>Accession # NP_033271                                                                                                                                        |
| <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, Immunocytochemistry                                                                                                                                                                                                                               |
| <b>Recommended Dilutions</b>       | Western Blot, Immunocytochemistry                                                                                                                                                                                                                               |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                          |



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### **Products Related to AF2979J**

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|             |                                              |
|-------------|----------------------------------------------|
| AB-108-CJ   | Goat IgG Isotype Control [Janelia Fluor 646] |
| 210-TA-005  | TNF-alpha [Unconjugated]                     |
| 2979-PI-010 | Serpin A1c/alpha 1-Antitrypsin               |
| M6000B-1    | IL-6 [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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