

# Product Datasheet

## Carbohydrate Sulfotransferase 4/CHST4 Antibody [Janelia Fluor® 549] AF5547I

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF5547I****Carbohydrate Sulfotransferase 4/CHST4 Antibody [Janelia Fluor® 549]**

| <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 549                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                            |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                   |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                      |
| <b>Host</b>                        | Sheep                                                                                                                                                                                                                                                                                                |
| <b>Gene ID</b>                     | 10164                                                                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>                 | CHST4                                                                                                                                                                                                                                                                                                |
| <b>Species</b>                     | Mouse                                                                                                                                                                                                                                                                                                |
| <b>Specificity/Sensitivity</b>     | Detects mouse Carbohydrate Sulfotransferase 4/CHST4 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 40% cross-reactivity with recombinant human (rh) CHST4 is observed and less than 5% cross-reactivity with recombinant mouse CHST5 and rhCHST6 is observed. |
| <b>Immunogen</b>                   | Chinese hamster ovary cell line CHO-derived recombinant mouse Carbohydrate Sulfotransferase 4/CHST4 Arg30-Gly388                                                                                                                                                                                     |
| <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, Neutralization                                                                                                                                                                                                                                                                         |
| <b>Recommended Dilutions</b>       | Western Blot, Neutralization                                                                                                                                                                                                                                                                         |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                               |



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### **Products Related to AF5547I**

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|               |                                                                   |
|---------------|-------------------------------------------------------------------|
| NBP1-91748PEP | Carbohydrate Sulfotransferase 4/CHST4 Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                                          |
| 5357-ST-020   | Carbohydrate Sulfotransferase 4/CHST4                             |
| NB600-326     | GST Epitope Tag 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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