

# Product Datasheet

## **Carboxypeptidase A1/CPA1 Antibody (477305) [Janelia Fluor® 549] FAB2856I**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB2856I**

Carboxypeptidase A1/CPA1 Antibody (477305) [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                       | 477305                                                                                                                                                                                                                                                                                                                                |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG2b                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                   | Janelia Fluor 549                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                            |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Rat                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 1357                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | CPA1                                                                                                                                                                                                                                                                                                                                  |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | Detects human Carboxypeptidase A1/CPA1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, 25% cross-reactivity with recombinant mouse (rm) Carboxypeptidase A1 is observed and no cross-reactivity with recombinant human (rh) Carboxypeptidase A2, B1, E, or recombinant mouse Carboxypeptidase A4 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Carboxypeptidase A1/CPA1<br>Lys17-Tyr419<br>Accession # P15085                                                                                                                                                                                                                  |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Immunoprecipitation                                                                                                                                                                                                                                                                                                     |
| Recommended Dilutions       | Western Blot, Immunoprecipitation                                                                                                                                                                                                                                                                                                     |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                |





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### **Products Related to FAB2856I**

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|                    |                                                      |
|--------------------|------------------------------------------------------|
| NBP2-33640PEP      | Carboxypeptidase A1/CPA1 Recombinant Protein Antigen |
| H00005555-P01-10ug | Recombinant Human PRH2 GST (N-Term) Protein          |
| 2856-ZN-010        | Carboxypeptidase A1/CPA1                             |
| NBP1-39474         | Adenosine A2aR Antibody (7F6-G5-A2) - 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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