

# Product Datasheet

## Carboxypeptidase B1/CPB1 Antibody [Janelia Fluor® 646] AF2897J

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2897J**

Carboxypeptidase B1/CPB1 Antibody [Janelia Fluor® 646]

| 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                   | Polyclonal                                                                                                                                                                                                                                                                                         |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                 |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                                                                                                                  |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                          |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                 |
| Product Description         |                                                                                                                                                                                                                                                                                                    |
| Host                        | Goat                                                                                                                                                                                                                                                                                               |
| Gene ID                     | 1360                                                                                                                                                                                                                                                                                               |
| Gene Symbol                 | CPB1                                                                                                                                                                                                                                                                                               |
| Species                     | Human                                                                                                                                                                                                                                                                                              |
| Specificity/Sensitivity     | Detects human Carboxypeptidase B1/CPB1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 10% cross-reactivity with recombinant mouse (rm) CPB1 is observed and less than 5% cross-reactivity with recombinant human (rh) CPA1, rhCPA2, and rmCPA4 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Carboxypeptidase B1/CPB1<br>His16-Tyr417<br>Accession # P15086                                                                                                                                                                               |
| 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 AF2897J**

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|               |                                                      |
|---------------|------------------------------------------------------|
| AB-108-CJ     | Goat IgG Isotype Control [Janelia Fluor 646]         |
| NBP2-38386PEP | Carboxypeptidase B1/CPB1 Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                             |
| 2898-ZN-010   | Carboxypeptidase B1/CPB1                             |

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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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