

# Product Datasheet

## **IZUMO1 Antibody [Janelia Fluor® 525] NBP2-82097JF525**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-82097JF525**

IZUMO1 Antibody [Janelia Fluor® 525]

| 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 525                                                                                                                                                                                    |
| Purity                      | Peptide affinity purified                                                                                                                                                                            |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                                      |
| Host                        | Rabbit                                                                                                                                                                                               |
| Gene ID                     | 284359                                                                                                                                                                                               |
| Gene Symbol                 | IZUMO1                                                                                                                                                                                               |
| Species                     | Human                                                                                                                                                                                                |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Rat: (82%), Mouse: (81%)                                                                                    |
| Specificity/Sensitivity     | IZUMO1 antibody is human specific. At least four isoforms of IZUMO1 are known to exist; this antibody will detect the two longest isoforms.                                                          |
| Immunogen                   | IZUMO1 antibody was raised against an 18 amino acid peptide near the center of human IZUMO1. The immunogen is located within amino acids 170 - 220 of IZUMO1. Amino Acid Sequence: ELNWHQASEGLTDYSFY |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                |
| Product Application Details |                                                                                                                                                                                                      |
| Applications                | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                             |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                             |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                               |





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### **Products Related to NBP2-82097JF525**

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|               |                                                  |
|---------------|--------------------------------------------------|
| NBP1-83086PEP | IZUMO1 Recombinant Protein Antigen               |
| 7268-CT-100   | CTLA-4 [Unconjugated]                            |
| NBL1-12090    | IZUMO1 Overexpression Lysate                     |
| MAB1455       | Albumin Antibody (188835) [Unconjugated] - Serum |

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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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