

# Product Datasheet

## Kremen-2 Antibody [Janelia Fluor® 525] NBP2-22339JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-22339JF525**

Kremen-2 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                     | 79412                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Symbol                 | KREMEN2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity/Sensitivity     | Multiple isoforms of Kremen-2 are known to exist. Kremen-2 antibody is predicted to not cross-react with other Kremen protein family members. Human Kremen-2 has 6 isoforms, including isoform 1 (462aa, 49kD), isoform 2 (424aa, 45kD), isoform 3 (420aa, 44kD), isoform 4 (399aa, 42kD), isoform 5 (423aa, 45kD), and isoform 6 (381aa, 40kD). Mouse Kremen-2 has one isoform (461aa, 49kD) and rat Kremen-2 also has one isoform (468aa, 50kD). NBP2-22339 can detect human, mouse and rat. |
| Immunogen                   | Antibody was raised against a peptide corresponding to 14 amino acids near the carboxy terminus of human Kremen-2. The immunogen is located within amino acids 390-440 of Kremen-2. Amino Acid Sequence: ALGASRGGPRRSWAV                                                                                                                                                                                                                                                                       |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Recommended Dilutions       | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                         |





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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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