

# Product Datasheet

## Vinculin Antibody [Janelia Fluor® 585] NBP2-41274JF585

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-41274JF585**

Vinculin Antibody [Janelia Fluor® 585]

| 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 585                                                                                                                                                                                                                                                                                                                                                                        |
| Purity                      | Peptide affinity purified                                                                                                                                                                                                                                                                                                                                                                |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                       |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                          |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 7414                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol                 | VCL                                                                                                                                                                                                                                                                                                                                                                                      |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | Vinculin antibody is human, mouse and rat reactive. At least three isoforms of Vinculin are known to exist. Human Vinculin has 3 isoforms, including isoform 2 (1134aa, 124kD), isoform 1 (1066aa, 117kD) and isoform 3 (222aa, 25kD). Mouse Vinculin has one isoform (1066aa, 117kD) and Rat Vinculin also has one isoform (1066aa, 117kD). NBP2-41274 can detect human, mouse and rat. |
| Immunogen                   | Antibody was raised against a peptide corresponding to 23 amino acids near the center of human Vinculin. < Amino Acid Sequence:<br>VREAFQPQEPDFPPPPDLEQLR                                                                                                                                                                                                                                |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                    |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                          |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunocytochemistry, Immunofluorescence                                                                                                                                                                                                                                                                                    |
| Recommended Dilutions       | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunofluorescence, Immunocytochemistry                                                                                                                                                                                                                                                                                    |
| 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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