

# Product Datasheet

## Vinculin Antibody [FITC] NBP2-41237F

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-41237F**

Vinculin Antibody [FITC]

| 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                   | FITC                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Peptide affinity purified                                                                                                                                                                                                                                                                                                                                                                |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                          |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 7414                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol                 | VCL                                                                                                                                                                                                                                                                                                                                                                                      |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                        |
| Reactivity Notes            | 0                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | Vinculin antibody is human, mouse and rat specific. 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). NBP2-41237 can detect human, mouse and rat. |
| Immunogen                   | Antibody was raised against a peptide corresponding to 16 amino acids near the carboxy terminus of human Vinculin. The immunogen is located within amino acids 1060-1110 of Vinculin. Amino Acid Sequence: LGRTNISDEESEQATE                                                                                                                                                              |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                          |
| Applications                | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                         |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                         |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                   |





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### **Products Related to NBP2-41237F**

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|                    |                                                   |
|--------------------|---------------------------------------------------|
| NBP2-24892         | Rabbit IgG Isotype Control [FITC]                 |
| H00007414-P01-10ug | Recombinant Human Vinculin GST (N-Term) Protein   |
| NBL1-17706         | Vinculin Overexpression Lysate                    |
| MAB4470            | Myosin Heavy Chain Antibody (MF20) [Unconjugated] |

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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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