

# Product Datasheet

## **RB1 Antibody (RB1/7080R) [Janelia Fluor® 525] NBP3-20811JF525**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-20811JF525**

RB1 Antibody (RB1/7080R) [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                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clone                       | RB1/7080R                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype                     | IgG Kappa                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | Janelia Fluor 525                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene ID                     | 5925                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Symbol                 | RB1                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                     | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | Recognizes a 105kDa phosphoprotein, identified as retinoblastoma (Rb) gene product Its epitope is localized between aa 703-772 It shows no cross reaction with p107 or p130 It specifically stains the nuclei of BT-20 cells and primary human foreskin fibroblast (HFF) cells It does not stain the Rb-negative BT549 cells It reacts with the hyperphosphorylated as well as the un (under) phosphorylated form of the Rb protein |
| Immunogen                   | Recombinant human full-length RB1 protein                                                                                                                                                                                                                                                                                                                                                                                           |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                               |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applications                | Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                                                       |
| Recommended Dilutions       | Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                              |





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### **Products Related to NBP3-20811JF525**

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|                 |                                   |
|-----------------|-----------------------------------|
| NBP2-35240-10ug | Recombinant Human RB1 His Protein |
| NB100-56888PEP  | RB1 Antibody Blocking Peptide     |
| NB600-302       | c-Myc Antibody (9E10) - BSA Free  |
| NB500-106       | PCNA Antibody (PC10)              |

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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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