

# Product Datasheet

## Retinol Binding Protein RBP Antibody (rRBP1/872)

**[DyLight 650]**

**NBP3-08941C**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08941C**

Retinol Binding Protein RBP Antibody (rRBP1/872) [DyLight 650]

| Product Information |   |
|---------------------|---|
| Unit Size           | 100 ul  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | rRBP1/872   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa  |
| Conjugate           | DyLight 650   |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 5947   |
| Gene Symbol             | RBP1   |
| Species                 | Human, Mouse, Rat, Goat, Chimpanzee, Monkey, Rabbit  |
| Specificity/Sensitivity | This monoclonal antibody recognizes an epitope within the 74-182 C-terminal sequence (11kD peptide fragment) of human serum Cellular Retinol Binding Protein 1 (CRBP 1), a single-chain glycoprotein belonging to the superfamily of hydrophobic molecule transporter proteins, which is responsible for transport of retinol (vitamin A1) from the liver to peripheral target tissues, like the eye, where it mediates the cellular uptake. CRBP 1 is synthesized by hepatic parenchymal cells where it becomes bound to its ligand retinol and is then released into the circulation, where it binds further to the protein transthyretin, to form a transporting complex, which is big enough not to be lost by filtration through the kidney glomeruli. It is detected in nearly all tissues with higher expression in adult ovary, pancreas, pituitary gland, adrenal gland, and fetal liver. |
| Immunogen               | Recombinant full-length human Retinol Binding Protein RBP protein  |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |

| 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 NBP3-08941C**

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|                 |   |
|-----------------|---|
| NBP1-43319C     | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 650] |
| NBP1-72542-50ug | Recombinant Human Retinol Binding Protein RBP His Protein   |
| DRB400          | RBP4/Retinol-Binding Protein 4 [HRP]                        |
| NBL1-15226      | Retinol Binding Protein RBP Overexpression Lysate           |

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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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