

# Product Datasheet

## Cyclin D1 Antibody (rCCND1/4752) [HRP] NBP3-08953H

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08953H**

Cyclin D1 Antibody (rCCND1/4752) [HRP]

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 100 ul   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at 4C in the dark.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | rCCND1/4752  |
| <b>Preservative</b>                | No Preservative  |
| <b>Isotype</b>                     | IgG2a Kappa  |
| <b>Conjugate</b>                   | HRP  |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | PBS  |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 595  |
| <b>Gene Symbol</b>                 | CCND1  |
| <b>Species</b>                     | Human  |
| <b>Marker</b>                      | G1-Cyclin & Mantle Cell Lymphoma Marker  |
| <b>Specificity/Sensitivity</b>     | Recognizes a protein of 36kDa, identified as cyclin D1. Cyclin D1, one of the key cell cycle regulators, is a putative proto-oncogene overexpressed in a wide variety of human neoplasms. This antibody neutralizes the activity of cyclin D1 in vivo. About 60% of mantle cell lymphomas (MCL) contain a t(11; 14)(q13; q32) translocation resulting in over-expression of cyclin D1. This antibody is useful in identifying mantle cell lymphomas (cyclin D1 positive) from CLL/SLL and follicular lymphomas (cyclin D1 negative). Occasionally, hairy cell leukemia and plasma cell myeloma weakly express Cyclin D1. |
| <b>Immunogen</b>                   | Synthetic peptide corresponding to residues within aa 200-295 of Cyclin D1 (Uniprot: P24385 )  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry-Paraffin  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |



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### **Products Related to NBP3-08953H**

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|                    |  |
|--------------------|--|
| H00000595-P01-10ug | Recombinant Human Cyclin D1 GST (N-Term) Protein |
| NBP2-75100         | Human Cyclin D1 ELISA Kit (Colorimetric)         |
| 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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