

# Product Datasheet

## Cyclin D2 Antibody NBP2-14460

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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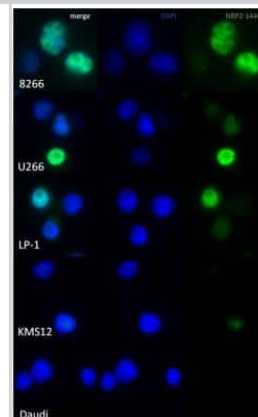


**NBP2-14460****Cyclin D2 Antibody**

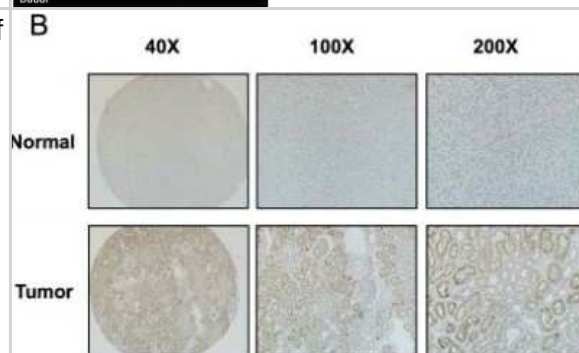
| <b>Product Information</b>         |                                                                                                                                                                                                                                                                   |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                                                            |
| <b>Concentration</b>               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                                                  |
| <b>Storage</b>                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                                                            |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                                                                        |
| <b>Preservative</b>                | 0.02% Sodium Azide                                                                                                                                                                                                                                                |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | Immunogen affinity purified                                                                                                                                                                                                                                       |
| <b>Buffer</b>                      | PBS (pH 7.2) and 40% Glycerol                                                                                                                                                                                                                                     |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                   |
| <b>Host</b>                        | Rabbit                                                                                                                                                                                                                                                            |
| <b>Gene ID</b>                     | 894                                                                                                                                                                                                                                                               |
| <b>Gene Symbol</b>                 | CCND2                                                                                                                                                                                                                                                             |
| <b>Species</b>                     | Human, Rat                                                                                                                                                                                                                                                        |
| <b>Reactivity Notes</b>            | Use in Rat reported in scientific literature (PMID:33326842) Reactivity reported in scientific literature (PMID: 23227862).                                                                                                                                       |
| <b>Immunogen</b>                   | This antibody was developed against Recombinant Protein corresponding to amino acids: QEQIEAVLLNSLQQYRQDQRDGSKEDELQASTPTDVRGIDL                                                                                                                                   |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                   |
| <b>Applications</b>                | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                                                                                                                                     |
| <b>Recommended Dilutions</b>       | Immunohistochemistry Image collected and cropped by CiteAb from the following publication ( <a href="http://dx.plos.org/10.1371/journal.pone.0161859">http://dx.plos.org/10.1371/journal.pone.0161859</a> ), Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml |

## Images

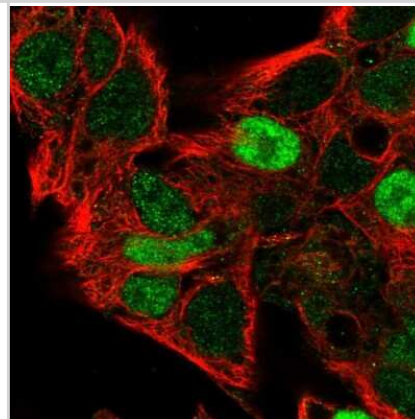
Immunocytochemistry/Immunofluorescence: Cyclin D2 Antibody [NBP2-14460] - Staining of 8226, U266, LP-1, KMS12 and Daudi cells. Image submitted by a verified customer review.



Immunohistochemistry: Cyclin D2 Antibody [NBP2-14460] - Evaluation of Cyclin D2 expression in RCC samples. Immunohistochemistry staining showed a significant decrease of Cyclin D2 protein expression in 43 paired RCC samples in 40X, 100X, 200X magnification. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0161859>), licensed under a CC-BY license.



Immunocytochemistry/Immunofluorescence: Cyclin D2 Antibody [NBP2-14460] - Immunofluorescent staining of human cell line Hep G2 shows localization to nucleoplasm. Antibody staining is shown in green.



## Publications

Mahapatra S, Sharma MVR, Brownson B et al. Cardiac inducing colonies halt fibroblast activation and induce cardiac/endothelial cells to move and expand via paracrine signaling Molecular biology of the cell 2022-06-02 [PMID: 35653297] (ICC/IF, Human)

Mahapatra S Secretion of Cardioprotective Factors from Cardiac Inducing Colonies (Cics) Derived from Germline Pluripotent Stem Cells (Hgpsc) to Combat Myocardial Fibrosis Thesis 1905-07-13

Mahapatra S Secretion of Cardioprotective Factors from Cardiac Inducing Colonies (Cics) Derived from Germline Pluripotent Stem Cells (Hgpsc) to Combat Myocardial Fibrosis Thesis Jul 13 1905 12:00AM

Huang H, Yu X, Han X, et al. Piwil1 Regulates Glioma Stem Cell Maintenance and Glioblastoma Progression Cell reports 2021-01-05 [PMID: 33406417] (WB, Human)

Luo G, Xiao L, Wang D et al. Resveratrol attenuates excessive ethanol exposure-induced beta -cell senescence in rats: A critical role for the NAD<sup>+</sup>/SIRT1-p38MAPK/p16 pathway The Journal of nutritional biochemistry 2020-12-13 [PMID: 33326842] (ICC/IF, Rat)

Wang L, Cui Y, Zhang L et al. The Silencing of CCND2 by Promoter Aberrant Methylation in Renal Cell Cancer and Analysis of the Correlation between CCND2 Methylation Status and Clinical Features. PLoS ONE 2016-09-02 [PMID: 27583477] (IHC-P)

Danielsson F, Wiking M, Mahdessian D et al. RNA deep sequencing as a tool for selection of cell lines for systematic subcellular localization of all human proteins. J Proteome Res 2013-01-04 [PMID: 23227862]





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General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to NBP2-14460**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-14460PEP | Cyclin D2 Recombinant Protein Antigen               |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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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