

Datasheet: 2407-0508

**BATCH NUMBER 158793**

|                      |                       |
|----------------------|-----------------------|
| <b>Description:</b>  | RABBIT ANTI CYCLIN D1 |
| <b>Specificity:</b>  | CYCLIN D1             |
| <b>Format:</b>       | Serum                 |
| <b>Product Type:</b> | Polyclonal Antibody   |
| <b>Isotype:</b>      | Polyclonal IgG        |
| <b>Quantity:</b>     | 0.1 ml                |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| ELISA            | ▪   |    |                | 1/2,000 - 1/10,000 |
| Western Blotting | ▪   |    |                | 1/500 - 1/1,000    |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Rat

Based on sequence similarity, is expected to react with: Dog, Chimpanzee, Amphibia, Zebrafish

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Serum - liquid

### Preparation

This antiserum has been delipidated, defibrinated and sterile filtered.

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.01% Sodium Azide (NaN<sub>3</sub>)

|                                      |  |
|--------------------------------------|--|
| <b>Immunogen</b>                     | Full length synthetic polypeptide corresponding to the human gene sequence.  |
| <b>External Database Links</b>       | <p><b>UniProt:</b><br/> <a href="#">P24385</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">595</a>    CCND1    <a href="#">Related reagents</a></p>  |
| <b>Synonyms</b>                      | BCL1, PRAD1  |
| <b>RRID</b>                          | AB_2245335   |
| <b>Specificity</b>                   | <b>Rabbit anti cyclin D1 antibody</b> recognizes Cyclin D1, a member of the cyclin family that function as CKD regulators. Cyclin D1 is involved in cell cycle transition and has been shown to interact with the retinoblastoma protein. The unprocessed precursor is 295 amino acids long. It is expressed in abnormally high levels in a number of cancers and is specifically implicated in breast cancer development. |
| <b>Western Blotting</b>              | When used on asynchronous HN30 cell lysates, a band was observed at approximately 34 kDa corresponding to Cyclin D1.   |
| <b>Storage</b>                       | <p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>                        |
| <b>Guarantee</b>                     | 12 months from date of despatch  |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/2407-0508">https://www.bio-rad-antibodies.com/SDS/2407-0508</a><br>10040  |
| <b>Regulatory</b>                    | For research purposes only   |

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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