

## Anti-CCND2 antibody (1-289) (STJ115249)

STJ115249

### GENERAL INFORMATION

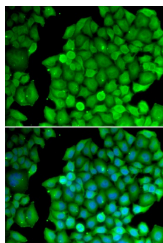
|                          |                       |
|--------------------------|-----------------------|
| <b>Product Type</b>      | Primary antibodies    |
| <b>Short Description</b> |                       |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/ELISA |
| <b>Host/Source</b>       | Rabbit                |
| <b>Reactivity</b>        | Human/Mouse/Rat       |

### PRODUCT PROPERTIES

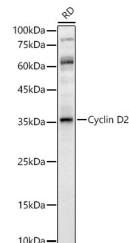
|                      |                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>     | Polyclonal                                                                                                                                                                 |
| <b>Clone ID</b>      |                                                                                                                                                                            |
| <b>Concentration</b> | Lot specific                                                                                                                                                               |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                               |
| <b>Purification</b>  | Affinity purification                                                                                                                                                      |
| <b>Dilution</b>      | WB:1:100-1:500                                                                                                                                                             |
| <b>Range</b>         | IHC-P:1:50-1:200<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>   | PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                         |
| <b>Isotype</b>       | IgG                                                                                                                                                                        |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                             |
| <b>Instruction</b>   |                                                                                                                                                                            |

### TARGET INFORMATION

|                           |                                                                                                                                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 894                                                                                                                                                                                                                                                           |
| <b>Gene Symbol</b>        | CCND2                                                                                                                                                                                                                                                         |
| <b>Uniprot ID</b>         | CCND2_HUMAN                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                               |
| <b>Immunogen Region</b>   | 1-289                                                                                                                                                                                                                                                         |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-289 of human Cyclin D2 (NP_001750.1).                                                                                                                                         |
| <b>Immunogen Sequence</b> | MELLCEHVDPVRRVDRNL LRDDRVLQNLITIEERYLPQ CSYFKCVQKDIQPYMRRMVA TWMLEVCEEQKCEEEVFPLA<br>MNYLDRFLAGVPTPKSHLQL LGAVCMFLASKLKETSPLTA EKLCIYTDNSIKPQELLEWE LVVLGKLGKWNLAAVTPHDFI<br>EHILRKLPQQREKLSLRKH AQTFIALCATDFKFAMYPPS MIATGSVGAACGLQQDEEV SSLTCDALTELLAKITNTD |



Immunofluorescence analysis of U2OS cells using Cyclin D2 antibody (STJ115249). Blue: DAPI for nuclear staining.



Western blot analysis of RD, using Cyclin D2 antibody (STJ115249) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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