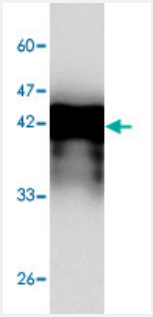
# CCND1 monoclonal antibody, clone 19

Catalog # MAB8798 Size 100 uL

## Applications




### Western Blot (Recombinant protein)

Western blot analysis in CCND1 recombinant protein with CCND1 monoclonal antibody, clone 0c65 (Cat # MAB8798) at 1 : 1000 dilution.

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against full length recombinant CCND1. |
| **Immunogen** | Recombinant protein corresponding to full length human CCND1. |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Specificity** | This antibody recognizes recombinant protein CCND1. |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Concentration** | 1 ug/uL |
| **Isotype** | IgG2b |
| **Recommend Usage** | Western Blot (1:1000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In citrate-Tris-HCl, pH 7.0 (0.02% Proclin 300) |

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

  Western blot analysis in CCND1 recombinant protein with CCND1 monoclonal antibody, clone 0c65 (Cat # MAB8798) at 1 : 1000 dilution.

## Gene Info — CCND1

| | |
|---|---|
| **Entrez GeneID** | 595 |
| **Protein Accession#** | NM_053056.2 |
| **Gene Name** | CCND1 |
| **Gene Alias** | BCL1, D11S287E, PRAD1, U21B31 |
| **Gene Description** | cyclin D1 |
| **Omim ID** | 151400 168461 193300 254500 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradatio n patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required f or cell cycle G1/S transition. This protein has been shown to interact with tumor suppressor protei n Rb and the expression of this gene is regulated positively by Rb. Mutations, amplification and ov erexpression of this gene, which alters cell cycle progression, are observed frequently in a variety of tumors and may contribute to tumorigenesis. [provided by RefSeq |
| **Other Designations** | B-cell CLL/lymphoma 1\|G1/S-specific cyclin D1 |

## Pathway

- Acute myeloid leukemia

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Bladder cancer
- Cell cycle
- Chronic myeloid leukemia
- Colorectal cancer
- Endometrial cancer
- Focal adhesion
- Glioma
- Jak-STAT signaling pathway
- Melanoma
- Non-small cell lung cancer
- p53 signaling pathway
- Pancreatic cancer
- Pathways in cancer
- Prostate cancer
- Small cell lung cancer
- Thyroid cancer
- Wnt signaling pathway

## Disease

- Adenocarcinoma
- Adenoma
- Ataxia telangiectasia
- Barrett Esophagus
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Carcinoma
- Carcinoma in Situ
- Cell Transformation
- Chromosome Aberrations
- Chronic Disease
- Colitis
- Colon cancer
- Colorectal Neoplasms
- Crohn Disease
- Disease Progression
- Disease Susceptibility
- DNA Damage
- Endometrial Neoplasms
- Esophageal Neoplasms
- Fetal Diseases
- Gastritis
- Gastroesophageal Reflux
- Genetic Predisposition to Disease
- Genomic Instability
- Glioma
- Head and Neck Neoplasms
- Helicobacter Infections
- Hematologic Diseases
- Hemophilia A
- Hepatoblastoma
- Hodgkin Disease

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Hyperparathyroidism
- Hypopharyngeal Neoplasms
- Inflammatory Bowel Diseases
- Insulin Resistance
- Intestinal Neoplasms
- Kidney Failure
- Kidney Neoplasms
- Laryngeal Diseases
- Laryngeal Neoplasms
- Leiomyoma
- Leukemia
- Leukoplakia
- Liver Neoplasms
- Lung Neoplasms
- Lymphatic Metastasis
- Lymphoma
- Lymphoproliferative Disorders
- Meningeal Neoplasms
- Meningioma
- Mouth Neoplasms
- Nasopharyngeal Neoplasms
- Neoplasm Invasiveness
- Neoplasm Metastasis
- Neoplasm Recurrence
- Neoplasms
- Neuroma

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Obesity
- Occupational Diseases
- Oropharyngeal Neoplasms
- Ovarian cancer
- Ovarian Neoplasms
- Papillomavirus Infections
- Peptic Ulcer
- Pituitary Neoplasms
- Precancerous Conditions
- Prolactinoma
- Prostate cancer
- Prostatic Hyperplasia
- Prostatic Neoplasms
- Pulmonary Disease
- Rectal Neoplasms
- Recurrence
- Retinoblastoma
- Skin Neoplasms
- Stomach Neoplasms
- Translocation
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Uterine Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome

Copyright © 2023 Abnova Corporation. All Rights Reserved.