



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CCND2 monoclonal antibody (M01), clone 3B10

Catalog # : H00000894-M01

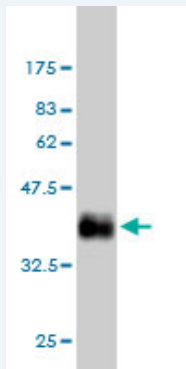
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant CCND2.
Immunogen:	CCND2 (AAH10958, 190 a.a. ~ 289 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	TDFKFMYPSPMIATGSVGAAICGLQQDEEVSSLTCDALTELLAKITNTD VDCLKACQEIQIEAVLLNSLQQYRQDQRDGSKSEDELQASTPTDVRDID L
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.63 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

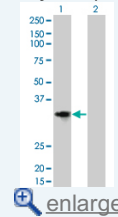
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

Application Image

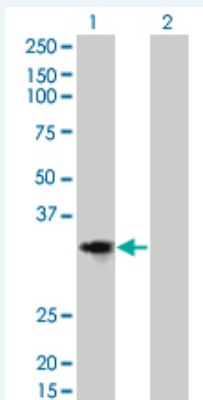
Western Blot (Transfected lysate)



[enlarge](#)

Western Blot (Recombinant protein)

ELISA



Western Blot analysis of CCND2 expression in transfected 293T cell line by CCND2 monoclonal antibody (M01), clone 3B10.

Lane 1: CCND2 transfected lysate(33.1 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [894](#)

GeneBank [BC010958](#)
Accession#:

Protein [AAH10958](#)
Accession#:

Gene Name: CCND2

Gene Alias: KIAK0002,MGC102758

Gene cyclin D2
Description:

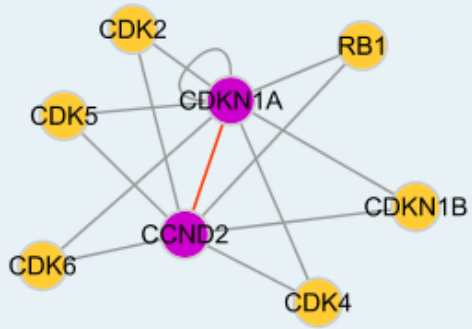
Omim ID: [123833](#)

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 through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation 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 for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. Knockout studies of the homologous gene in mouse suggest the essential roles of this gene in ovarian granulosa and germ cell proliferation. High level expression of this gene was observed in ovarian and testicular tumors. [provided by RefSeq]

Other [G1/S-specific cyclin D2](#)
Designations:

Interactome



Gene Pathway

[Cell cycle](#) [Focal adhesion](#) [Jak-STAT signaling pathway](#) [p53 signaling pathway](#)
[Wnt signaling pathway](#)

Related Disease

[Breast cancer](#) [Breast Neoplasms](#) [Carcinoma, Hepatocellular](#) [Diabetes Mellitus, Type 2](#)
[Genetic Predisposition to Disease](#) [Hepatitis B](#) [Kidney Failure, Chronic](#) [Liver Neoplasms](#)
[Narcolepsy](#) [Neoplasm Invasiveness](#) [Ovarian cancer](#) [Ovarian Neoplasms](#)

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