



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## CTNNB1 monoclonal antibody (M03), clone 4F2

Catalog # : H00001499-M03

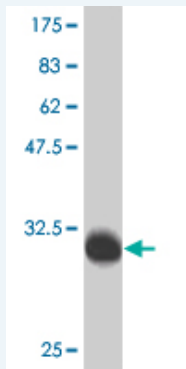
規格 : [ 100 ug ]

List All

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant CTNNB1.
<b>Immunogen:</b>	CTNNB1 (AAH58926, 682 a.a. ~ 781 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	LFRTEPMAWNETADLGLDIGAQGEPLGYRQDDPSYRSFHSGGYGQDALGMDPMMHEHEMGGHHPGADYPVDGLPDLGHAQDLMDGLPPGDSNQLA WFDTDL
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG2b Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 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](#)

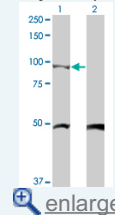
**Datasheet:** [Download](#)

### Applications

Western Blot (Transfected lysate)

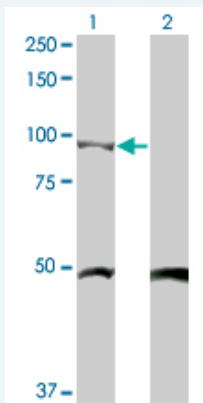
### Application Image

Western Blot (Transfected lysate)




Western Blot (Recombinant protein)

ELISA




Western Blot analysis of CTNNB1 expression in transfected 293T cell line by CTNNB1 monoclonal antibody (M03), clone 4F2.

Lane 1: CTNNB1 transfected lysate(85.5 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Western Blot (Recombinant protein)

 [Protocol Download](#)

### ELISA

### Gene Information

Entrez GeneID: [1499](#)

GeneBank [NM\\_001904](#)  
Accession#:

Protein [AAH58926](#)  
Accession#:

Gene Name: CTNNB1

Gene Alias: CTNNB,DKFZp686D02253,FLJ25606,FLJ37923

Gene Description: catenin (cadherin-associated protein), beta 1, 88kDa

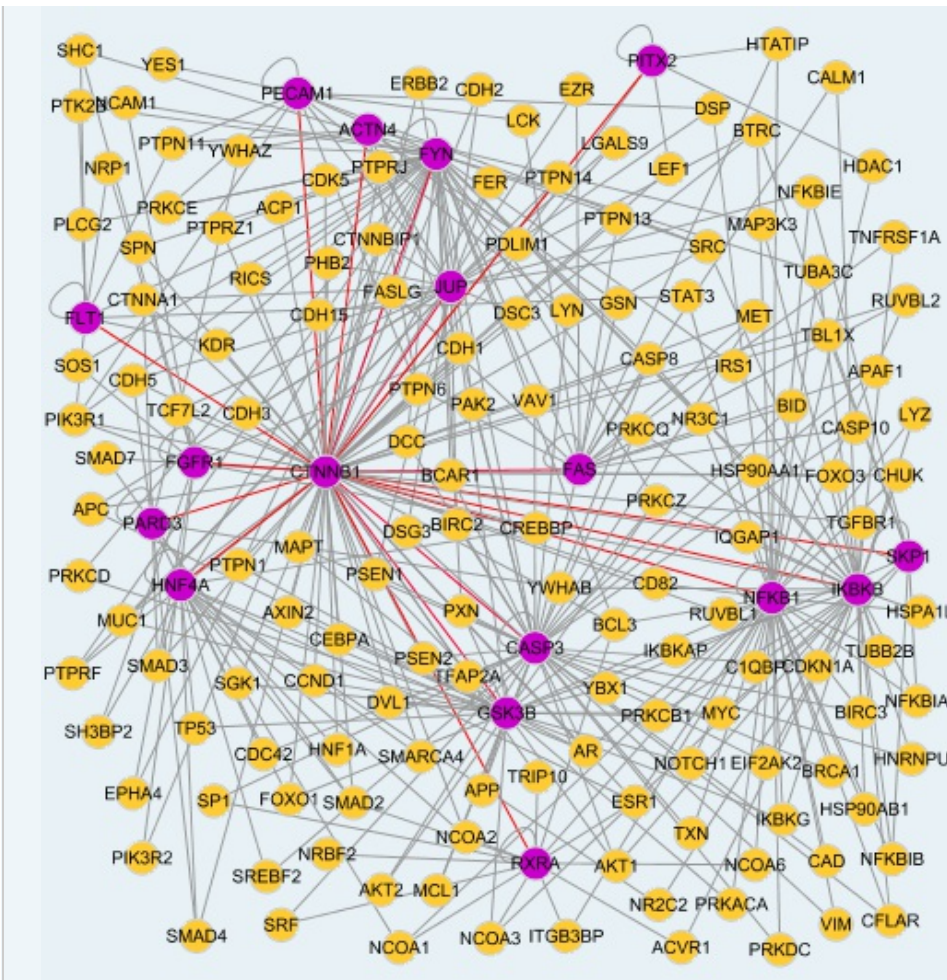
Omim ID: [114550](#), [116806](#), [132600](#), [155255](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Beta-catenin is an adherens junction protein. Adherens junctions (AJs; also called the zonula adherens) are critical for the establishment and maintenance of epithelial layers, such as those lining organ surfaces. AJs mediate adhesion between cells, communicate a signal that neighboring cells are present, and anchor the actin cytoskeleton. In serving these roles, AJs regulate normal cell growth and behavior. At several stages of embryogenesis, wound healing, and tumor cell metastasis, cells form and leave epithelia. This process, which involves the disruption and reestablishment of epithelial cell-cell contacts, may be regulated by the disassembly and assembly of AJs. AJs may also function in the transmission of the 'contact inhibition' signal, which instructs cells to stop dividing once an epithelial sheet is complete. [supplied by OMIM]

Other Designations: OTTHUMP00000165222,OTTHUMP00000165223,catenin (cadherin-associated protein), beta 1 (88kD),catenin beta-1

### Interactome



### Gene Pathway

[Adherens junction](#)
[Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)  
[Basal cell carcinoma](#)
[Colorectal cancer](#)
[Endometrial cancer](#)
[Focal adhesion](#)  
[Leukocyte transendothelial migration](#)
[Melanogenesis](#)  
[Pathogenic Escherichia coli infection - EHEC Pathways in cancer](#)
[Prostate cancer](#)  
[Thyroid cancer](#)
[Tight junction](#)
[Wnt signaling pathway](#)

### Related Disease

[Adenoma](#)
[Adrenal Cortex Neoplasms](#)
[Alzheimer Disease](#)
[Alzheimer disease](#)
[Birth Weight](#)  
[Breast cancer](#)
[Breast Neoplasms](#)
[Carcinoma, Ductal, Breast](#)
[Carcinoma, Endometrioid](#)  
[Carcinoma, Hepatocellular](#)
[Cardiovascular Diseases](#)
[Cell Transformation, Neoplastic](#)  
[Chromosome Aberrations](#)
[Chromosome Deletion](#)
[Cleft Lip](#)
[Cleft Palate](#)
[Cognition](#)  
[Colon cancer](#)
[Colorectal Neoplasms](#)

... see more

服務條款 | 隱私權政策 | 著作及商標 | 網站地圖

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.