

b-Catenin Antibody

Catalog No: #21212



Package Size: #21212-1 50ul #21212-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	b-Catenin Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total b-Catenin protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 35~39 (I-H-S-G-A) derived from Human b-Catenin.
Conjugates	Unconjugated
Target Name	b-Catenin
Other Names	CTNNB1; CATNB; CTNB1; CTNNB;
Accession No.	Swiss-Prot: P35222NCBI Protein: NP_001091679.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

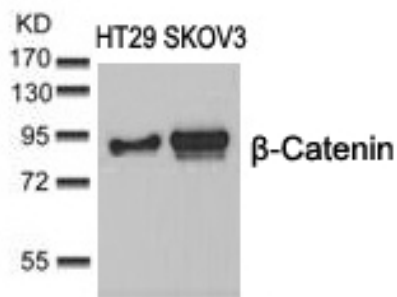
Predicted MW: 92kd

Western blotting: 1:500~1:1000

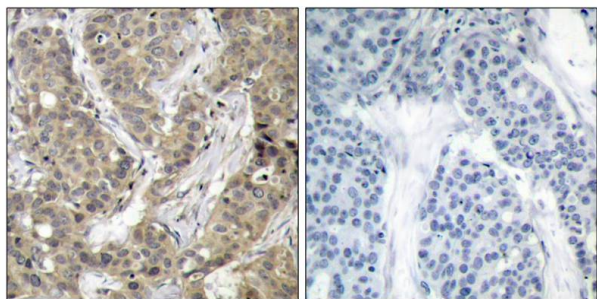
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

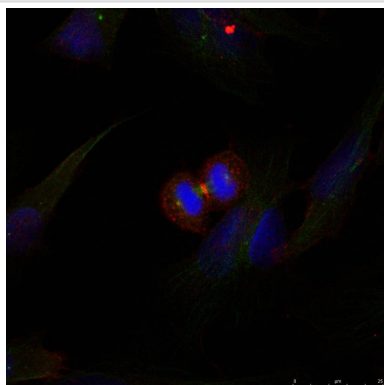
Images



Western blot analysis of extracts from HT29 and SKOV3 cells using b-Catenin(Ab-37) Antibody #21212.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using b-Catenin(Ab-37) Antibody #21212(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using b-Catenin(Ab-37) Antibody #21212.

Background

Involved in the regulation of cell adhesion and in signal transduction through the Wnt pathway.

Published Papers

el at., Expression of β -catenin in regenerating renal tubules of cisplatin-induced kidney failure in rats .In Clin Exp Nephrol.On 2018 Dec by Terada N, Karim MR et al..PMID:29802483 , , (2018)

PMID:
[29802483](#)

el at., A Study of the Relationship Between the Wnt/ ϵ -Y-catenin Signaling Pathway and the Gastrointestinal Development of Rat Embryonic and Perinatal Periods.In Exp Ther Med on 2013 Jun by Botao Wei, Yongsheng Guo, et al..PMID:23837038, , (2013)

PMID:[23837038](#)

el at., PC1 07, a celecoxib derivative, inhibited the growth of colorectal tumor in vitro and in vivo. In Cancer Sci on 2009 Dec by Yuhua Li, Yinbo Niu, et al..PMID: 19814734, , (2009)

PMID:[19814734](#)

el at., Involvement of SET in the Wnt signaling pathway and the development of human colorectal cancer.In Oncol Lett.On 2014 Apr by LEI DONG, JIANJUN ZHU et al..PMID: 24944693, , (2014)

PMID:[24944693](#)

el at., SDF-1/CXCR4 promotes F5M2 osteosarcoma cell migration by activating the Wnt/ ϵ -Y-catenin signaling pathway.In Med Oncol on 2015 Jul by Yao Lu, Bin Hu et al..PMID:26026718, , (2015)

PMID:[26026718](#)

el at., A lentivirus-mediated miR-23b sponge diminishes the malignant phenotype of glioma cells in vitro and in vivo.In Oncol Rep on 2014 Apr Luyue Chen , Kailiang Zhang et al..PMID:24503899, , (2014)

PMID:[24503899](#)

el at., Glycogen Phosphorylase B Is Regulated by miR101-3p and Promotes Hepatocellular Carcinoma Tumorigenesis. In Front Cell Dev Biol on 2020

Note: This product is for in vitro research use only and is not intended for use in humans or animals.