

b-Catenin(Ab-33) Antibody

Catalog No: #21211



Package Size: #21211-1 50ul #21211-2 100ul #21211-4 25ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	b-Catenin(Ab-33) 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	Hu Ms Rt
Specificity	The antibody detects endogenous level of total b-Catenin protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.31~35 (L-D-S-G-I) derived from Human b-Catenin.
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

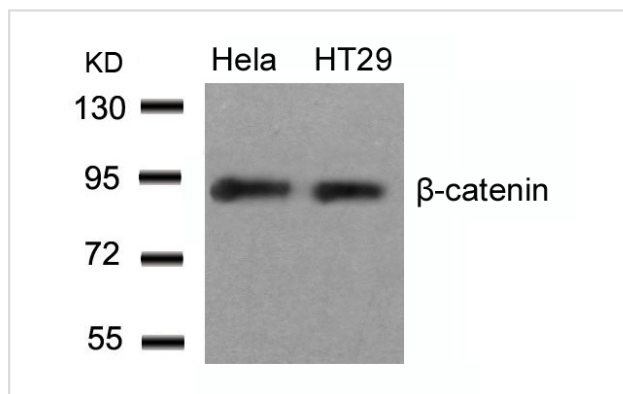
Predicted MW: 92kd

Western blotting: 1:500~1:1000

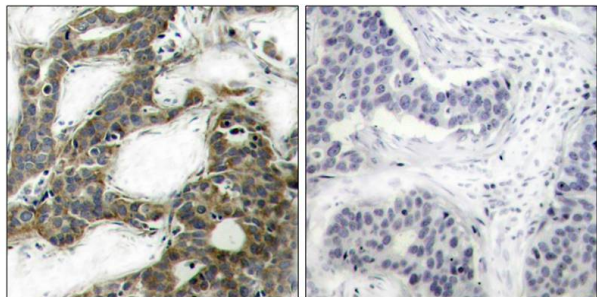
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

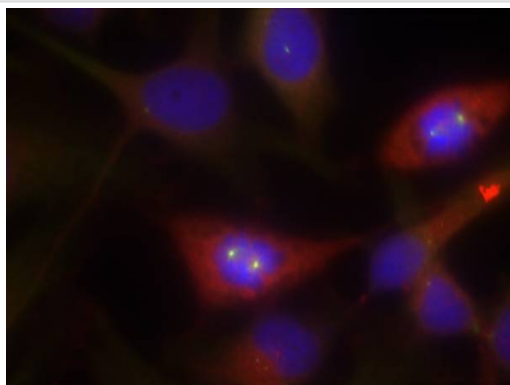
Images



Western blot analysis of extracts from HeLa and HT29 cells using b-Catenin(Ab-33) Antibody #21211.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using b-Catenin(Ab-33) Antibody #21211(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using b-Catenin(Ab-33) Antibody #21211.

Background

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

Published Papers

Chih-Kai Liao, Seu-Mei Wang, Yuh-Lien Chen et al., Lipopolysaccharide-induced inhibition of connexin43 gap junction communication in astrocytes is mediated by downregulation of caveolin-3., *The International Journal of Biochemistry & Cell Biology*, 42(5):762-770(2010)

[PMID:20093193](#)

Lei Hana, Yang Yanga, Xiao Yue et al., Inactivation of PI3K/AKT signaling inhibits glioma cell growth through modulation of [beta]-catenin-mediated transcription., *Brain Research*, 1366, 9-17(2010)

[PMID:20888802](#)

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