CTNNB1 (Human) Cell-Based ELISA Kit

Catalog # KA2642 Size 1 Kit

Specification

Product Description	CTNNB1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of CTNNB1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — CTNNB1

Entrez GeneID	1499
Protein Accession#	P35222
Gene Name	CTNNB1
Gene Alias	CTNNB, DKFZp686D02253, FLJ25606, FLJ37923
Gene Description	catenin (cadherin-associated protein), beta 1, 88kDa

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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

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

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Disease

- Adenoma
- Adrenal Cortex Neoplasms
- Alzheimer disease
- Birth Weight
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Cell Transformation
- Chromosome Aberrations
- Chromosome Deletion
- Cleft Lip
- Cleft Palate
- Cognition
- Colon cancer
- Colorectal Neoplasms
- Diabetes Mellitus
- Edema
- Endometrial Neoplasms
- Ependymoma
- Esophageal Neoplasms
- Fibroma
- Fibromatosis
- Fractures

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- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Head and Neck Neoplasms
- Kidney Failure
- Kidney Neoplasms
- Laryngeal Neoplasms
- Leukemia
- Liver Neoplasms
- Lung Neoplasms
- Meningeal Neoplasms
- Meningioma
- Microsatellite Instability
- Mouth Neoplasms
- Neoplasm Recurrence
- Neoplasms
- Obesity
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms
- Pharyngeal Neoplasms
- Prostatic Neoplasms
- Pulmonary Disease
- Recurrence

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- Spinal Fractures
- Stomach Neoplasms
- Urinary Bladder Neoplasms
- Werner syndrome
- Wilms Tumor

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