Product Data Sheet

beta Catenin Antibody

(This product has been discontinued.)

Tested Species Reactivity
Human (Hu)
Mouse (Ms)
Rat (Rt)
Canine (Ca)
Non-human primate (Nhp)
Bovine (Bv)
Porcine (Po)
Equine (Eq)
Chicken (Ck)
Xenopus laevis (Xl)

Tested Applications	Dilution *
Western Blot (WB)	1:1000
Immunohistochemistry (Frozen) (IHC (F))	1:100
Immunohistochemistry (Paraffin) (IHC (P))	1:400
Immunoprecipitation (IP)	1:100
ChIP assay (ChIP)	1:25

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	PA5-16192
Size:	100 µL
Class:	Polyclonal
Type:	Antibody
Clone:	
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide (Blue Carrier-coupled) corresponding to the carboxy-terminus of human b-catenin.

Form Information	
Form:	Liquid
Purification:	Protein A
Storage Buffer:	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative:	no preservative
Storage Conditions:	-20° C, Avoid Freeze/Thaw Cycles

Product Specific Information

PA5-16192 detects Beta-Catenin in human, mouse, rat and non-human primate samples. Expected to cross react with xenopus, chicken, porcine, bovine, canine, and equine samples.

PA5-16192 has been tested and validated in use for Western Blot, Immunoprecipitation, Immunohistochemistry (Parrafin), Immunohistochemistry (Frozen), and ChIP applications.

The PA5-16192 immunogen is a synthetic peptide (blue carrier coupled) corresponding tyo the carboxy-terminus of human b-catenin.

A molecular weight of approximately 92 kDa is expected.

General Information

The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Three transcript variants encoding the same protein have been found for this gene.

This product is for In Vitro experimental use only. Not for resale without express authorization.

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