

# 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.

### 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 (Paraffin), Immunohistochemistry (Frozen), and ChIP applications.

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

A molecular weight of approximately 92 kDa is expected.

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

### Form Information

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

### 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), pilomatixoma (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.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Product documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S), AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to humans or animals.

# 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.

### 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 (Paraffin), Immunohistochemistry (Frozen), and ChIP applications.

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

A molecular weight of approximately 92 kDa is expected.

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

### Form Information

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

### 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), pilomatixoma (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.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Product documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S), AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to humans or animals.