



β -Catenin

Epitope Specific Rabbit Antibody

Catalog #DLN-14083, DLN-14084, or DLN-14085 (0.1ml, 0.5ml, or 1.0ml at 200 μ g/ml)

Catalog #DLN-14087 (7.0ml)

Description: The catenins (α , β and γ) are ubiquitously expressed, cytoplasmic proteins associated with E-cadherin at cellular junctions. β -catenin also binds to N-cadherin and co-immunoprecipitates with APC. Cadherin/catenin complexes are linked to the cytoskeleton via a direct association between α -actinin and α -catenin. Increases tyrosine phosphorylation can disrupt catenin-cadherin complexes, influencing cellular adhesion.

Comments: This antibody is excellent for staining of formalin-fixed, paraffin-embedded tissues.

Mol. Wt. of Antigen: 92kDa

Epitope: C-terminal

Species Reactivity: Human and Mouse. Others not tested.

Immunogen: A synthetic peptide from the C-terminus of the β -catenin protein

Applications and Suggested Dilutions:

- Western Blotting (Ab 2 μ g/ml for 2 hours at RT)
 - Immunoprecipitation
 - Immunohistology (Formalin/paraffin)
(Ab 1:250 for 10 min at RT)
- * [Staining of formalin-fixed tissues REQUIRES boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.]

The optimal dilution for a specific application should be determined by the investigator.

Positive Control: MCF-7 cells. Breast carcinoma

Cellular Localization: Cytoplasmic and cell membrane

Supplied As:

Affinity purified antibody fraction from rabbit anti-serum. Prepared in 10mM PBS, pH 7.6, with 0.2% BSA and 15mM sodium azide.

or

Prediluted antibody which is ready-to-use for immunohistochemical staining.

Storage and Stability:

Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months.

dianova GmbH

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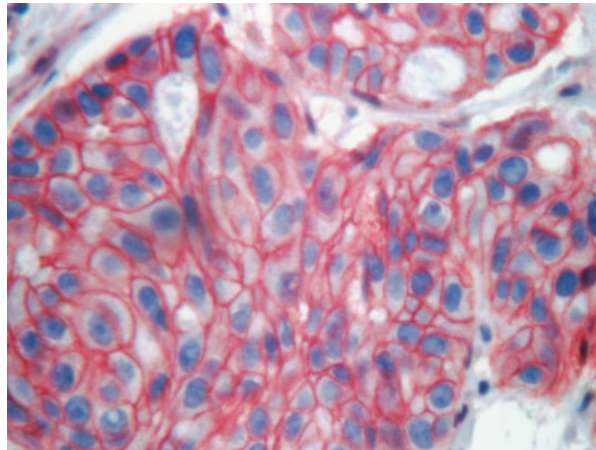
Limitations and Warranty:

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. Dianova is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

Material Safety Data:

This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

For Research Use Only



with Anti- β Catenin, Cat# 14085

Human breast ca. stained

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