

Mouse anti- p120ctn (NT)

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Rev. 1.00

Catalog Number: 339700

Store at 2 to 8°C (short-term), or -20°C (long-term)

Clonality: Monoclonal
Quantity: 100 µg

Host/Class: IgG₁K
Reactivity: Human, mouse, rat, dog, and chicken

Product Description

Originally characterized as a prominent substrate for Src and receptor protein tyrosine kinases (e.g., EGF, PDGF, CSF-1), p120^{ctn} is a novel catenin which binds directly to the juxtamembrane region of classical cadherins (e.g., E-cadherin). Emerging evidence suggests a prominent role in the regulation of cadherin mediated adhesion. This monoclonal antibody is specific for isoforms 1 and 2 of p120^{ctn}. Cross-reactivity with p120^{ctn} isoforms 3 and 4 has not been observed. Reactivity of this antibody has been confirmed by Western blotting, immunoprecipitation, and immunofluorescence. During development reactivity was confirmed with human, mouse, rat and dog and chicken p120^{ctn}. Reactivity with other species has not been evaluated. Positive control lysates include MDCK (dog) cells, NIH 3T3 (mouse) cells, Hela (human) cells, Va-2 fibroblasts (human), rat-2 fibroblasts and chicken embryo fibroblasts. Reactivity with other species has not been evaluated.

Product Specifications

Immunogen: Recombinant fusion protein derived from the N-terminus of murine p120ctn
Clone/PAD: 6H11
Lot: See product label

Product Applications

Application	Species	Concentration
ELISA	Immunogen	1:1000–1:10,000
Immunofluorescence	Dog	1:250–1:500
Immunoprecipitation	Chicken, dog, human, mouse, and rat	5–10 µL/IP reaction
Western Blotting		1:1000

Storage and Handling

Store at 2 to 8°C for up to one month. Store at -20°C for long term storage. Avoid repeated freezing and thawing.

Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on product label.

Storage Buffer

This monoclonal antibody is supplied as a 100 µl aliquot of neat (undiluted) mouse ascites fluid containing 0.1% sodium azide as a preservative.

Caution: Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Properly dispose of solutions containing sodium azide.

Safety Data Sheets (SDS)

Safety Data Sheets (SDSs) are available at www.lifetechnologies.com/support.

Certificate of Analysis

The Certificate of Analysis provides detailed quality control and product qualification information for each product. Certificates of Analysis are available on our website. Go to www.lifetechnologies.com/support and search for the Certificate of Analysis by product lot number, which is printed on the box.

For research use only. Not for use in diagnostic procedures.

Manufacturing Site • 7335 Executive Way • Frederick • MD 21704 • E-mail: techsupport@lifetech.com

Explanation of symbols

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

Limited Use Label License: Research Use Only

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