

Datasheet: MCA6318

Description:	RABBIT ANTI CATENIN BETA 1
Specificity:	CATENIN BETA 1
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM276
Isotype:	IgG
Quantity:	0.1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/500 - 1/1000
Western Blotting	▪			1/400 - 1/1000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography of Protein A from animal origin-free culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	A peptide corresponding to Human catenin beta 1
External Database Links	UniProt:

[P35222](#) [Related reagents](#)

Entrez Gene:

[1499](#) CTNNB1 [Related reagents](#)

Synonyms CTNNB

Specificity **Rabbit anti Human catenin beta 1 antibody** recognizes catenin beta-1, also known as beta-catenin, CTNNB1. Catenin beta 1 is a multifunctional protein with an important role in physiological homeostasis. The main regulator of catenin beta is the protein Wnt, an interaction central to the Wnt/beta-catenin signaling pathway ([Shang et al. 2017](#)). During embryogenesis, Wnt/beta-catenin signaling is involved with cell polarity, proliferation, and fate, and mutations in this signaling pathway are linked to birth defects ([MacDonald et al. 2009](#)). In adult tissue, appropriate Wnt/beta-catenin signaling is important for maintaining cellular processes involved with development, differentiation, and tissue homeostasis. Wnt/beta-catenin signaling dysregulation is implicated in numerous malignancies, and is involved with immune evasion during cancer ([Pai et al. 2017](#)).

Storage Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6318>
10048

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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