

Datasheet: MCA6033

Description:	MOUSE ANTI CATENIN ALPHA 1
Specificity:	CATENIN ALPHA 1
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	alpha-CAT-7A4
Isotype:	IgG1
Quantity:	50 µg

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)	▪			2 ug/ml - 10 ug/ml
ELISA	▪			0.1 ug/ml - 1 ug/ml
Immunoprecipitation	▪			5 ug/ml
Western Blotting	▪			1 ug/ml
Immunofluorescence	▪			2 ug/ml - 5 ug/ml

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.

(1) Heat-induced epitope retrieval is required for IHC on formalin-fixed paraffin-embedded tissue

Target Species	Mouse
Species Cross Reactivity	<p>Reacts with: Human, Rat, Chicken, Xenopus laevis</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by peptide-affinity chromatography from ascites

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Synthetic peptide derived from the C-terminus of mouse catenin alpha 1
External Database Links	<p>UniProt: P35221 Related reagents</p> <p>Entrez Gene: 1495 CTNNA1 Related reagents</p>
Specificity	<p>Mouse anti catenin alpha 1 antibody clone alpha-CAT-7A4 recognizes catenin alpha 1 also known as alpha E-catenin, cadherin-associated protein or renal carcinoma antigen NY-REN-13.</p> <p>Catenin alpha 1 is a member of the catenin protein family, which also includes the catenin beta, catenin gamma and catenin delta proteins. Catenin alpha 1 is an important actin binding protein and has also been shown to function as a tumor suppressor (Piao et al. 2014, Silvis et al. 2014).</p>
Western Blotting	Mouse anti catenin alpha 1 antibody recognizes a band of approximately 100 kDa in HeLa cell lysate
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6033 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE

Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@680 , DyLight@800 , FITC , HRP
Goat Anti Mouse IgG (STAR70...)	FITC

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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
'M381790:210512'

Printed on 18 Jan 2024

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