

Datasheet: MCA6383

Description:	RAT ANTI MOUSE CHD5
Specificity:	CHD5
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	5A10
Isotype:	IgG2a
Quantity:	0.1 mg

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
Western Blotting	▪			1 ug/ml - 2 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.

Target Species

Mouse

Species Cross Reactivity

Reacts with: Human

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.

Product Form

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.035% Sodium Azide (NaN₃)
30% Glycerol

Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	A peptide within the C-terminal region of mouse CHD5
External Database Links	UniProt: A2A8L1 Related reagents
Specificity	<p>Rat anti Mouse CHD5 antibody, clone 5A10 recognizes chromodomain-helicase-DNA-binding protein 5, also known as ATP-dependent helicase CHD5.</p> <p>CHD5 is a 223 kDa member of the chromodomain helicase DNA-binding protein family of ATP-dependent chromatin remodeling complexes. Members of this family are characterized by a chromodomain, a helicase ATP-binding domain and an additional functional domain. CHD5 is a neuron-specific protein that is thought to play a role in chromatin remodeling and gene transcription (Li et al. 2014). CHD5 may also act as a tumor suppressor (Fatemi et al. 2014).</p> <p>Rat anti Mouse CHD5 antibody, clone 5A10 detects a band of 260 kDa.</p>
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. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/MCA6383 10049
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rat IgG (STAR69...)	FITC
Goat Anti Rat IgG (STAR73...)	RPE
Rabbit Anti Rat IgG (STAR17...)	FITC
Goat Anti Rat IgG (STAR131...)	Alk. Phos. , Biotin
Goat Anti Rat IgG (STAR72...)	HRP
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)	DyLight@650 , DyLight@800

Rabbit Anti Rat IgG (STAR21...)

[HRP](#)

Rabbit Anti Rat IgG (STAR16...)

[DyLight®800](#)

Recommended Negative Controls

[RAT IgG2a NEGATIVE CONTROL \(MCA1212\)](#)

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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

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