

## Datasheet: MCA6383

**BATCH NUMBER 160850**

<b>Description:</b>	RAT ANTI MOUSE CHD5
<b>Specificity:</b>	CHD5
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	5A10
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	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](http://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

0.035% Sodium Azide (NaN<sub>3</sub>)

<b>Stabilisers</b>	30% Glycerol
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	A peptide within the C-terminal region of mouse CHD5
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">A2A8L1</a> <a href="#">Related reagents</a>
<b>Specificity</b>	<p><b>Rat anti Mouse CHD5 antibody, clone 5A10</b> 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 (<a href="#">Li et al. 2014</a>). CHD5 may also act as a tumor suppressor (<a href="#">Fatemi et al. 2014</a>).</p> <p>Rat anti Mouse CHD5 antibody, clone 5A10 detects a band of 260 kDa.</p>
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10049 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA6383">https://www.bio-rad-antibodies.com/SDS/MCA6383</a> 10049
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rat IgG (STAR69...)	<a href="#">FITC</a>
Goat Anti Rat IgG (STAR73...)	<a href="#">RPE</a>
Rabbit Anti Rat IgG (STAR17...)	<a href="#">FITC</a>
Goat Anti Rat IgG (STAR131...)	<a href="#">Alk. Phos.</a> , <a href="#">Biotin</a>

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 \(MCA1212\)](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

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**Europe**

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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://bio-rad-antibodies.com/datasheets)

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