

Datasheet: MCA6431GA

BATCH NUMBER 100007871

Description:	MOUSE ANTI HUMAN NCOA1
Specificity:	NCOA1
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	C02/13A7
Isotype:	IgG1
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	▪			1/2,000

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 on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant protein, aa 1-470 of human NCOA1.

**External Database
Links**

UniProt:

[Q15788](#) [Related reagents](#)

Entrez Gene:

[8648](#) NCOA1 [Related reagents](#)

Synonyms

BHLHE74, SRC1

Specificity

Mouse anti human NCOA1 antibody, clone C02/13A7 recognizes Nuclear receptor coactivator 1 protein, also known as NCoA-1.

NCOA1 is part of the p160 steroid receptor coactivator (SRC) family, and plays a crucial role in gene regulation. Dysregulation of NCOA1 results in progression and initiation of different cancers ([Wang et al. 2018](#)). Coactivators such as NCOA1 interact with sex steroid receptors such as estrogen receptor (ER) and androgen receptor (AR). Due to this interaction, there has been a great interest in study of breast and prostate cancers, and has generally been seen to be high in these cancers ([Kazan and Gunduz et al. 2018](#)).

Western Blotting

Mouse anti human NCOA1 detects a band of approximately 185 kDa in HEK293 cell lysates.

Storage

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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/MCA6431GA>
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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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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