

Datasheet: MCA6142

BATCH NUMBER 153409

Description:	RABBIT ANTI SRC
Specificity:	SRC
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	4F10B5
Isotype:	IgG
Quantity:	50 µl

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	▪			1/500 - 1/2000

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

Species Cross Reactivity

Reacts with: Rat

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

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.02% Sodium Azide
50% Glycerol

Immunogen

Recombinant protein of human SRC

**External Database
Links**

UniProt:

[P12931](#) [Related reagents](#)

Entrez Gene:

[6714](#) SRC [Related reagents](#)

Synonyms

SRC1

Specificity

Rabbit anti SRC antibody recognizes proto-oncogene tyrosine-protein kinase Src, also known as Src1, p60-Src and c-Src.

c-Src is a ubiquitously-expressed cytoplasmic tyrosine kinase, important for regulating diverse cellular functions (Honda et al. 2018). c-Src was the first oncogene to be identified, over-expressed and abnormally activated in cancer cells, and is the cellular counterpart of v-Src, a cancer-causing gene found in the Rous sarcoma virus (Hunter and Sefton, 1980). Src functions as a complex molecular switch, which can self-modulate its activity in response to specific signals. This is achieved by a reciprocally regulatory mechanism involving Tyr416 and Tyr527, changing the tertiary structure of Src and controlling access to its active site (Knighton et al. 1991).

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. 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 #10049 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6142>
10049

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](#)

**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

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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