

## Datasheet: MCA6142

<b>Description:</b>	RABBIT ANTI SRC
<b>Specificity:</b>	SRC
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	4F10B5
<b>Isotype:</b>	IgG
<b>Quantity:</b>	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](http://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

**UniProt:**

**Links**[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](mailto: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](mailto: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](mailto: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](http://bio-rad-antibodies.com/datasheets)

'M372586:200707'

