

Datasheet: VMA00922

BATCH NUMBER 100005615

Description:	MOUSE ANTI SRC
Specificity:	SRC
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	ST03/3E9
Isotype:	IgG2a
Quantity:	100 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	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Rat, Mouse 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	Mouse monoclonal antibody affinity purified on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide

Stabilisers

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen *E. coli*-derived recombinant protein of amino acids 351-543 of human SRC

External Database Links

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

Entrez Gene:
[6714](#) SRC [Related reagents](#)

Synonyms SRC1

Fusion Partners Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line

Specificity **Mouse 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, overexpressed 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](#)).

Western Blotting Mouse anti SRC detects a band of approximately 58 kDa in A431 cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00922>
Antibody (10040)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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