

Datasheet: MCA6018

Description:	MOUSE ANTI HEAT SHOCK PROTEIN 90
Specificity:	HEAT SHOCK PROTEIN 90
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	S88
Isotype:	IgG1
Quantity:	50 µg

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
Immunohistology - Paraffin	▪			10 - 20 ug/ml
Immunoprecipitation	▪			4 - 8 ug/ml
Western Blotting	▪			1 - 2 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

Human

Species Cross Reactivity

Based on sequence similarity, is expected to react with: Mouse, Rat, Monkey, Hamster, Rabbit, Bovine

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

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.2% Thiomersal

0.1% Bovine Serum Albumin
50% Glycerol

Approx. Protein Concentrations IgG concentration 0.2 mg/ml

Immunogen Achlya ambisexualis heat shock protein 90

External Database Links

UniProt:
[P07900](#) [Related reagents](#)

Entrez Gene:
[3320](#) HSP90AA1 [Related reagents](#)

Synonyms HSP90A, HSPC1, HSPCA

Specificity **Mouse anti heat shock protein 90 antibody, clone S88**, recognizes the alpha and beta forms of heat shock protein 90. Heat shock protein 90 is a highly abundant protein and acts as a chaperone. It plays a crucial role in protecting cells against heat induced stress.

Western Blotting Mouse anti heat shock protein 90 antibody (clone S88) recognizes a band of approximately 90 kDa in heat shocked HeLa cell lysate. The antibody detects both alpha and beta forms.

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 protein. 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 #10585 available at:
10585: <https://www.bio-rad-antibodies.com/uploads/MSDS/10585.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgG (STAR77...) [HRP](#)

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)

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

Goat Anti Mouse IgG (STAR76...) [RPE](#)

Goat Anti Mouse IgG (STAR70...) [FITC](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®680](#),
[DyLight®800](#), [FITC](#), [HRP](#)

Recommended Negative Controls

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

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
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From March 15, 2021, we will no longer supply printed datasheets with our products.
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