

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 µg/ml
Immunoprecipitation	▪			4 - 8 µg/ml
Western Blotting	▪			1 - 2 µg/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.
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative	0.2% Thiomersal
Stabilisers	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	UniProt:

Links [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.

Shelf Life 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 (STAR76...) [RPE](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@549](#),
[DyLight@649](#), [DyLight@680](#), [DyLight@800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Human Anti Mouse IgG1 (HCA036...) [HRP](#)

Recommended Negative Controls

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

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