

Datasheet: MCA6096

BATCH NUMBER 156026

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|----------------------|----------------------------------|
| Description: | MOUSE ANTI HEAT SHOCK PROTEIN 70 |
| Specificity: | HEAT SHOCK PROTEIN 70 |
| Other names: | HSP70 |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | C92F3A-5 |
| Isotype: | IgG |
| Quantity: | 0.1 mg |

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 |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry | ▪ | | | 1/1000 |
| Immunohistology - Paraffin | ▪ | | | 1/10000 |
| ELISA | ▪ | | | |
| Western Blotting | ▪ | | | 1/1000 |
| Immunofluorescence | ▪ | | | 1/1000 |
| Immunocytochemistry | ▪ | | | 1/1000 |

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: Bovine, Dog, Drosophila, Mouse, Rat, Chicken, Guinea Pig, Hamster, Caenorhabditis, Pig, Rabbit, Sheep

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 on Protein G |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.1% Sodium Azide (NaN ₃) 50% Glycerol |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | Human Heat Shock Protein 70 |
| External Database Links | UniProt: P0DMV8 Related reagents P0DMV9 Related reagents |
| Specificity | <p>Mouse anti heat shock protein 70 antibody, clone C92F3A-5 recognizes human heat shock protein 70 (HSP70), a member of the highly related HSP70 family, which range in size from 66-78kDa.</p> <p>Heat shock proteins are a group of heat- or stress-inducible proteins which act as molecular chaperones and as essential regulators of cellular processes, including protein folding. HSP70 acts alongside other chaperones to mediate the folding of newly-synthesized peptide sequences, stabilize proteins against aggregation, and assist in protein transmembrane transport.</p> <p>This antibody does not cross-react with HSC70 (HSP73).</p> |
| Storage | <p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p> |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | <p>Material Safety Datasheet documentation #10328 available at: https://www.bio-rad-antibodies.com/SDS/MCA6096 10328</p> |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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

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