

Datasheet: VMA00362

Description:	MOUSE ANTI HEAT SHOCK PROTEIN 75
Specificity:	HEAT SHOCK PROTEIN 75
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OT11A1
Isotype:	IgG1
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
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human heat shock protein 75 (NP_057376) produced in HEK293T cells
External Database	UniProt:

Entrez Gene:

Synonyms	HSP75
Specificity	<p>Mouse anti Human heat shock protein 75 antibody recognizes heat shock protein 75 kDa, mitochondrial, also known as TNFR-associated protein 1, TRAF1 and tumor necrosis factor type 1 receptor-associated protein.</p> <p>Encoded by the TRAP1 gene, heat shock protein 75 is a mitochondrial chaperone protein that is member of the heat shock protein 90 (HSP90) family. Heat shock protein 75 has ATPase activity and interacts with tumor necrosis factor type I. This protein may function in regulating cellular stress responses. Alternate splicing results in multiple transcript variants (provided by RefSeq, Jan 2013).</p> <p>Mouse anti Human heat shock protein 75 antibody detects a band of 75 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti heat shock protein 75 detects a band of approximately 75 kDa in HCT-116 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 #10048 available at: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)**North & South**

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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](https://www.bio-rad-antibodies.com/datasheets)

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