

Datasheet: VMA00362

Description:	MOUSE ANTI HEAT SHOCK PROTEIN 75
Specificity:	HEAT SHOCK PROTEIN 75
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	1A1
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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant 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	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human heat shock protein 75 (NP_057376) produced in HEK293T cells
External Database Links	UniProt: Q12931 Related reagents Entrez Gene: 10131 TRAP1 Related reagents
Synonyms	HSP75

Specificity **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.

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).

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.

Western Blotting Anti heat shock protein 75 detects a band of approximately 75 kDa in HCT-116 cell lysates

Instructions For Use Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

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

Shelf Life As supplied, 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 \(MCA928\)](#)

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