

Datasheet: AHP797

Description:	GOAT ANTI MALONDIALDEHYDE
Specificity:	MALONDIALDEHYDE
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

Product Details

RRID AB_324040

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			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/10,000
Immunoprecipitation			▪	
Western Blotting			▪	

Where this antibody 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 antibody for use in their own systems using appropriate negative/positive controls.

Target Species Chemical

Product Form Serum - liquid

Antiserum Preparation Antisera to malondialdehyde were raised by repeated immunisations of goats with highly purified antigen.

Preservative Stabilisers 0.09% Sodium Azide

Immunogen Malondialdehyde.

Specificity **Goat anti malondialdehyde antibody** recognizes malondialdehyde. Malondialdehyde (MDA) is a natural product formed in all mammalian cells as a product of lipid peroxidation and serves as a biomarker of oxidative stress ([Nielsen et al 1997](#)).

MDA is toxic and has been implicated in aging mutagenesis, carcinogenesis, diabetic nephropathy and radiation damage. Increased expression of MDA has been reported in the brains of Alzheimer's patients ([Greilberger et al. 2008](#)).

References	1. Prado, J. <i>et al.</i> (2012) Metallothioneins I/II are involved in the neuroprotective effect of sildenafil in focal brain injury. Neurochem Int. pii: S0197-0186(12)00369-5.
Further Reading	1. Lung, C.C. <i>et al.</i> (1990) Immunochemical properties of malondialdehyde-protein adducts. J Immunol Methods. 128 (1): 127-32.
Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended.
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10081 available at: 10081: https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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