

Product Datasheet

Malondialdehyde Antibody

NB100-62737

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Malondialdehyde Antibody

Product Information

Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

Product Description

Host	Goat
Species	Mouse, Non-species specific, Canine
Reactivity Notes	Chemical. Canine reactivity reported in scientific literature (PMID: 24334996). Mouse reactivity reported in scientific literature (PMID: 29864244).
Specificity/Sensitivity	This product is specific for malondialdehyde. Malondialdehyde (MDA) is a natural product formed in all mammalian cells as a product of lipid peroxidation. 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.
Immunogen	Malondialdehyde

Product Application Details

Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot, ELISA 1:10000, Immunohistochemistry 1:10-1:500
Application Notes	Use in Immunohistochemistry reported in scientific literature (PMID 24334996)

Publications

Imai Y, Fink BD, Promes JA et al. Effect of a mitochondrial-targeted coenzyme Q analog on pancreatic beta-cell function and energetics in high fat fed obese mice. *Pharmacol Res Perspect* 2018-06-01 [PMID: 29864244] (Mouse)

Vince AR, Hayes MA, Jefferson BJ, Stalker MJ. Hepatic Injury Correlates With Apoptosis, Regeneration, and Nitric Oxide Synthase Expression in Canine Chronic Liver Disease. *Vet Pathol* 2013-12-13 [PMID: 24334996] (IF/IHC, Canine)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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