

# 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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**NB100-62737****Malondialdehyde Antibody**

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

<b>Product Description</b>	
<b>Host</b>	Goat
<b>Species</b>	Mouse, Non-species specific, Canine
<b>Reactivity Notes</b>	Chemical. Canine reactivity reported in scientific literature (PMID: 24334996). Mouse reactivity reported in scientific literature (PMID: 29864244).
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Malondialdehyde

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, ELISA 1:10000, Immunohistochemistry 1:10-1:500
<b>Application Notes</b>	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)





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### **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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