

Datasheet for ABIN870790

anti-Malondialdehyde antibody**2** Images[Go to Product page](#)

Overview

Quantity:	30 µg
Target:	Malondialdehyde (MDA)
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Malondialdehyde antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Malondialdehyde (MDA)-modified KLH
Isotype:	IgG2 lambda
Specificity:	MDA-modified proteins, especially dihydropyridine (DHP)-lysine type derivative
Purification:	Protein A purified

Target Details

Target:	Malondialdehyde (MDA)
Alternative Name:	Malondialdehyde / MDA (MDA Products)
Target Type:	Chemical

Application Details

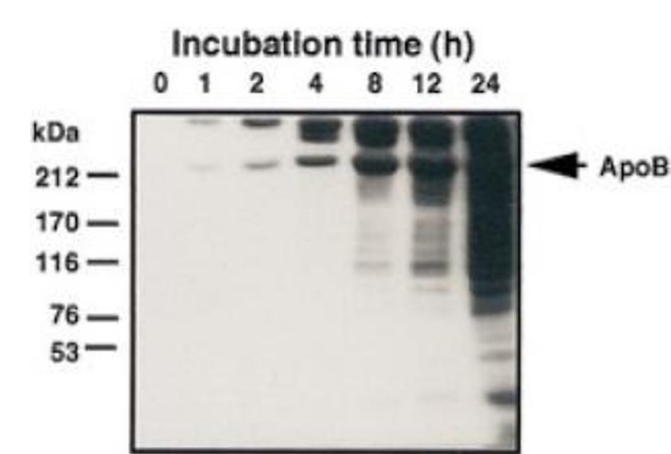
Application Notes: Paraffin sections, 0.5 - 1 µg/ml, Cryosections. This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Resuspend in aqua bidest.
Buffer:	10 mM PBS, 0.1 % NaN3, 0.1 % BSA
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Images



Western Blotting

Image 1. Western Blot analysis of MDA-LDL adduct formation. LDL (0.5 mg) was incubated With 1 mM MDA in 1 ml of 50 mM PBS (pH 7.2) at 37°C. LDL was separated by SDS-PAGE and immunoblotted With A ABIN870790 (2 ug/ml). A ABIN870790 does not react with native LDL apoB, whereas the MDA-modified LDL apoB shows intense immunoreactivity. Yamada S et al. (2001) J Lipid Res 42(8): 1187-96.



Immunohistochemistry

Image 2. Immunohistochemistry image of dihydropyridine adduct staining in paraffin section of human atherosclerotic aorta. Endogenous peroxidase activity was quenched by incubating the section for 10 min with 3% hydrogen peroxide. The section was incubated with ABIN870790 and detected using Vectastain ABC kit (Vector Laboratories). 3,3-diaminobenzidine tetrahydrochloride served as the chromogen. Sections were counterstained with hematoxylin. C. AAI 01 1 stains the cytoplasm of most foamy or spindle macrophages. Original magnification: X100. Yamada S et al. (2001) J Lipid Res 42(8): 1187-96.