

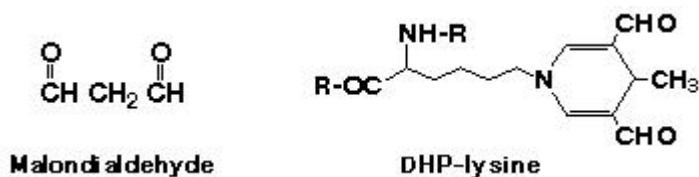
Northwest
Life Science Specialties, LLC

Anti-Malondialdehyde (MDA) Modified Protein Clone 1F83

Catalog Number: NWA-MDA030

Description: Mouse monoclonal anti malondialdehyde (MDA) modified protein monoclonal antibody (30µg Protein A purified IgG_{2aλ} per Vial)

MDA is one of the major aldehydes derived from lipid peroxidation. It is reactive with residues in protein and forms numerous adducts, such as dihydropyridine-lysine (DHP-lysine).



Specificity: Specific for MDA modified protein (especially DHP-lysine) in all species.

Format: Liquid: 100µg IgG/mL in 10mM PBS containing 0.1% NaN₃ and 0.5% BSA.

Antigen: MDA-modified Keyhole-Limpet Hemocyanin.

Reconstitution: Reconstitute with 1 mL distilled water to yield 100 µg/mL stock solution.

Suggested Use: IHC: Suggested concentration is 0.5-1.0 µg/mL on paraformaldehyde fixed tissue.

Stability: Undiluted aliquots are stable for 6 months after receipt when stored at -20 °C.

Storage: Store at -20 °C upon arrival. After reconstitution freeze single use aliquots at -20 °C or lower. Avoid repeated freeze/thaw. For longer storage freeze at -70 °C.

References: S Yamada, et. al. (2001) Immunochemical detection of a lipofuscin like fluophore derived from malondialdehyde and lysine. Journal of Lipid Research Vol 42, p1187-1196

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