

**Anti-Conjugated Malondialdehyde**
RABBIT POLYCLONAL

Catalog Number: AB-T090
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
Isotype: IgG
Immunogen: Synthetic malondialdehyde conjugated to bovine serum albumin

Specificity & Preparation: Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation.

This antibody targets conjugated malondialdehyde. **This antibody does not recognize free malondialdehyde.** Using a conjugate Malondialdehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

Usage: Applications include ELISA (1/2,000-1/5,000) and immunohistochemistry / immunocytochemistry (1/500-1/1,000).

Storage: Store the antibody at 4°C for one month or -20°C in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material 5-10 seconds in a microfuge before use.

COMPOUND	CROSS REACTIVITY §
Malondialdehyde-BSA	1
4-hydroxynonenal-BSA	1/>100,000
Acrolein-BSA	1/>100,000
Formaldehyde-BSA	1/>100,000
Azelaic acid-BSA	1/>100,000

BSA = Bovine Serum Albumin

§ Malondialdehyde-BSA concentration/unconjugated or conjugated analogs concentration at half displacement.

**Selected References:**

1. Mancuso M, Davidzon G, Kurlan RM, Tawil R, Bonilla E, Di Mauro S, Powers JM (2005) Hereditary ferritinopathy: a novel mutation, its cellular pathology, and pathogenetic insights. J Neuropathol Exp Neurol 64(4):280-294.

Scan to view
all product
references.

To view protocol(s) for this and other products please visit: www.ATSBio.com/library/protocols