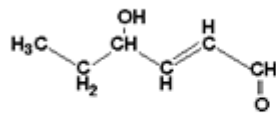
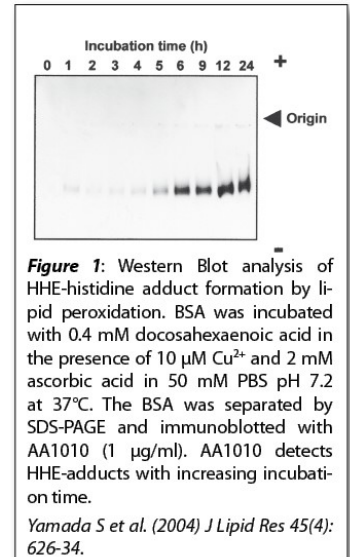


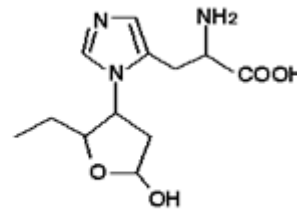
Data Sheet

4-HYDROXY-2-HEXENAL (4-HHE) ANTIBODY, MONOCLONAL

Catalog no.:	AA1010.1
Immunogen:	HHE-modified KLH
Host:	Mouse Balb/c
Clone no.:	HHE53
Isotype:	IgG ₁ kappa
Matrix:	Ascites, Protein A purified, 10 mM PBS, 0.1% NaN ₃ , 0.5% BSA
Specificity:	HHE-modified protein, especially HHE-histidine Michael adduct



4-Hydroxy hexenal



HHE-his

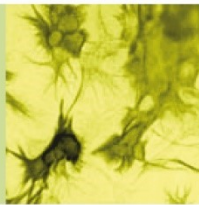
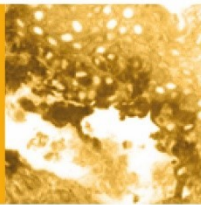
Contents:	30 μg (liquid; 100 μg/ml)
Known applications:	ELISA (50 ng/ml) ^{1,2} , Western Blot (1 μg/ml) ¹ , immunohistochemistry (paraffin sections, 0.5 - 1 μg/ml; cryosections) ^{1,2}

This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.

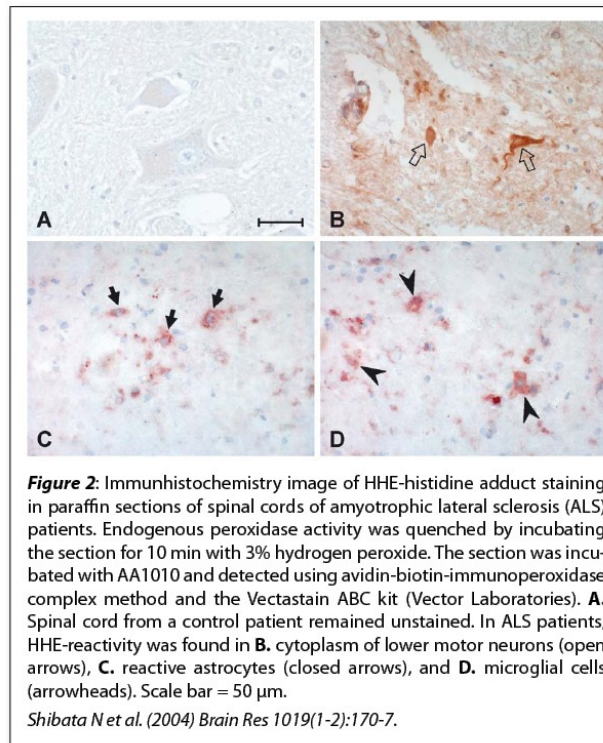
Store at:	-20 °C
	Repeated thawing and freezing must be avoided

References:	1. Yamada S, Funada T, Shibata N, Kobayashi M, Kawai Y, Tatsuda E, Furuhashi A, Uchida K (2004) Protein-bound 4-hydroxy-2-hexenal as a marker of oxidized n-3 polyunsaturated fatty acids. <i>J Lipid Res</i> 45(4): 626-634.
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2. Shibata N, Yamada S, Uchida K, Hirano A, Sakoda S, Fujimura H, Sasaki S, Iwata M, Toi S, Kawaguchi M, Yamamoto T, Kobayashi M (2004). Accumulation of protein-bound 4-hydroxy-2-hexenal in spinal cords from patients with sporadic amyotrophic lateral sclerosis. *Brain Res* **1019**(1-2): 170-177.



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