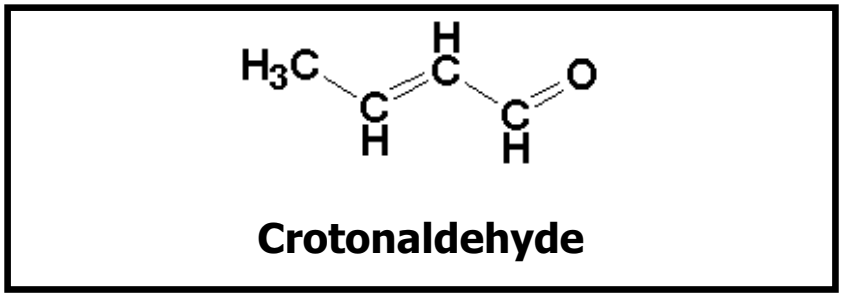
COSMO BIO CO., LTD.
Inspiration for Life Science

An antibody for oxidative stress evaluation

# Anti-CRA Antibody Code# NOF-N213630-EX

Anti-crotonaldehyde monoclonal antibody

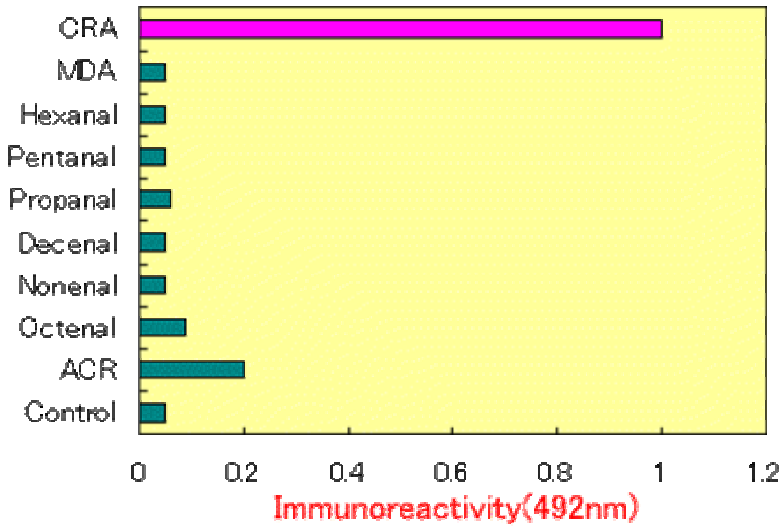
Crotonaldehyde (CRA) is a representative carcinogenic aldehyde formed endogenously through lipid peroxidation. CRA is highly reactive aldehyde and reacts with lysine residue in protein. The reaction with CRA and lysine residue leads to the formation of numerous numbers of adducts. This antibody is specific for the CRA-modified protein.



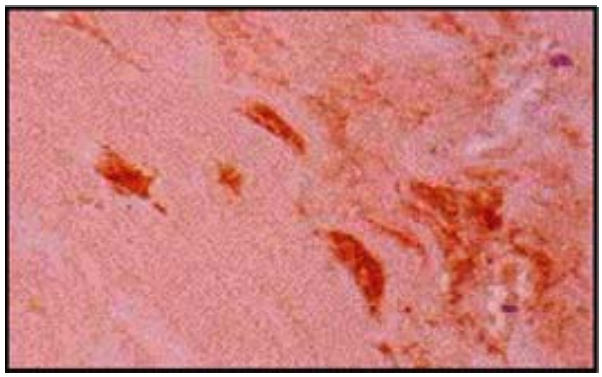

**Crotonaldehyde**

| | |
|---|---|
| Antigen | : CRA-modified keyhole-lympet hemocyanine |
| Source | : Mouse |
| Purify | : Protein A |
| Form | : Frozen. (10mM PBS containing 0.1 %NaN3 and 0.5% BSA) |
| Specificity | : Specific for CRA-modified protein (especially CRA-lysine adduct) |
| Class | : IgG |
| Use | : Immunohistochemistry |
| Storage | : Less than -20° C |
| Package & Price | : 30ug/vial (100ug/mL) ¥60,000- |

**Cross-reactivity of Anti-CRA antibody**




▼ Immunohistochemical detection of CRA-lysine adduct in atherosclerotic aorta.



Noriyuki Shibata et al.
Tokyo Women's medical University

NOF CORPORATION

Distributor
COSMO BIO CO., LTD.
Inspiration for Life Science
TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN
http://www.cosmobio.co.jp e-mail : export@cosmobio.co.jp
Phone : +81-3-5632-9617 FAX : +81-3-5632-9618