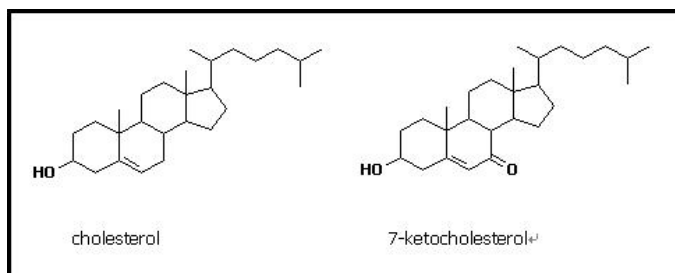


Anti-7-ketocholesterol (7-KC) Monoclonal Antibody



Cholesterol oxidation products, especially 7-Ketocholesterol (7KC), have been the focus of much attention because they are present in human atherosclerotic plaque and display a wide range of atherogenic properties in vitro and to some extent in vivo. This antibody is specific for 7KC. This antibody is useful to detect 7KC in tissue samples. A frozen tissue sample is recommended for immunohistochemistry.

- Catalog #:** MKC-020n (20 μ g of IgG)
MKC-100n (100 μ g of IgG)
- Clone #:** 35A
- Immunogen:** 7KC-modified keyhole-lympet hemocyanine.
- Subclass:** Mouse IgG
- Application:** Immunohistochemistry. Recommended antibody concentration is 5-10 micro g/mL on **frozen tissue**. Not applicable to paraffin embedded tissues.
- Buffer Concentration:** 10mM PBS containing 0.1 % NaN₃ and 0.5% BSA. IgG concentration is 1mg/mL (please take care that only a small volume is in the vial). Purified by Protein-A.
- Specificity:** Specific for 7KC.
- Storage:** Less than -20°C.
- Stability:** 6 months after date of receipt. For long term storage, aliquot product into individual tubes and freeze at -20 or -70°C. Avoid repeated freeze/thaw cycles.
- Reference:** David A. Larsson, et. Al.
Oxysterol mixtures, in atheroma-relevant proportions, display synergistic and proapoptotic effects.
Free Radical Biology and Medicine, 41(6), p902-910 (2006)

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