



PRODUCT DATA SHEET

Product: Anti-7-ketocholesterol (7-KC) mAb, clone 35A

Cat. No.: MC-1015 (20 µg)
MC-1016 (100 µg)

Description:

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.

Immunogen:

7KC-modified keyhole-lympet hemocyanine.

Specificity:

Specific for 7KC.

Ig Isotype:

Mouse IgG

Format:

Monoclonal antibody at 1 mg/mL in 10 mM PBS containing 0.1% NaN₃ and protein stabilizer. Purified by Protein-A.

Storage:

Store at less than -20°C. For long term storage, aliquot product into individual tubes and freeze at -20°C or -70°C. Avoid repeated freeze/thaw cycles.

Application and Suggested Dilution:

- Immunohistochemistry: Recommended antibody concentration is 5 - 10 µg/mL on frozen tissue. Not applicable to paraffin embedded tissues.

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.