



## 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% NaN<sub>3</sub> 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.