



PRODUCT DATA SHEET

Product: Anti-Collagen Type I, II, III, clone MC1-HA

Cat. No.: MC-811 (200 µg)

Specificity:

This antibody reacts with native as well as with heat denatured human collagen types I, II, III. This antibody does not react with other collagen types (IV and V). Human plasma proteins do not interfere with binding to collagen.

Species Reactivity:

Human. Other species not tested.

Ig Isotype:

Mouse IgM

Format:

200 µg of lyophilized, purified ascites. Purified by PEG6000 precipitation + Sepharose 6B gel filtration. Reconstitute with 1 mL distilled water. Add preservative if preferred.

Storage:

Store lyophilized antibody at 4°C. After reconstitution, store undiluted at 4°C. For prolonged storage, store in aliquot at -20°C. Avoid repeated freeze/thaw cycles.

Applications and Suggested Dilutions:

- ELISA: Recommend using at a 1:1,000 dilution.
- Immunoblot assays
- Immunohistochemistry: for staining of tissue sections we recommend using acetone or ethanol-fixed cryostat sections, results of staining of paraffin embedded tissues even after treatment with proteolytic enzymes or microwave are less satisfactory. Recommend using at a 1:20 dilution.
- RIA

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.