

COL 2 3/4 M Mouse Monoclonal IgG₁.

Product Number 50-1011

Lot 040811

Size: 50 µL/vial Ascites

Preservative: No preservative added

Storage: Store product at -70°C until required and then unused portions at 4°C diluted 1:10 in 1% BSA in PBS, pH 7.2, with 0.05% sodium azide. Aliquots of this can be refrozen until needed. After making working dilution do not use for more than one day.

Expiration date: 1 year at -70 °C. 1:10 dilution made as recommended are stable for up to three months at 4°C

Antibody Specificity: Specific for denatured type II collagen. It reacts with an epitope exposed in denatured, but not in native (helical) type II collagen. Does not cross

react with denatured type I, III or X collagens. It recognizes a 13 residue amino acid sequence that is located in the CB 11 region of the three-quarter piece produced by collagenase cleavage of type II collagen.

This antibody cross-reacts with rabbit, rat, guinea pig, dog, mouse, human, and bovine.

For in vitro research only, not for diagnostic or therapeutic use

Reference

Hollander *et al.*, (1995) J. Clin. Invest. 96: 2859-2869.