

Collagen III antibody

Mouse monoclonal antibody to Collagen III

Catalog Number **AF5810**

- Specificity:** The antibody specifically reacts with human Collagen III and cross-reacts with rabbit.
- Host:** Mouse
- Clone Name:** 111-53
- Uses and Dilutions:** Immunohistochemistry on frozen or paraffin sections (1-10 ug/ml). Also suitable for western blotting. Other applications not tested. Optimal dilutions of this antibody are dependent on application and should be determined by the user.
- Form:** This antibody is supplied as liquid (100ug), Protein A affinity purified immunoglobulin fraction in 0.1 M Na-Phosphate buffer, pH 7.0 containing 0.5% protease-free bovine serum albumin and 0.09% sodium azide as a preservative.
- Concentration:** 0.5 mg/ml
- Storage:** Store the antibody at 4-8 degrees celsius for one month or at negative 20 degrees celsius for longer. Avoid repeated freezing and thawing. Shelf life: one year from dispatch.
- Limitations:** This product is for research use only and is not approved for use in humans or in clinical diagnosis.
- General References:**
1. Mayne, R. et al. Isolation and partial characterization of basement membrane-link collagens from bovine thoracic aorta. *Artery*, 7: 262-280, 1980.
 2. Muragaki, Y. et al. Experimental study on alteration of collagen metabolism in liver fibrosis. *J. Wakayama Med Soc.*, 36: 195-208, 1985 (in Japanese).
 3. Kumagai, J. et al. Immunohistochemistry distribution of type I, II and III collagens in the rabbit supraspinatus tendon insertion. *J. Anat.* 185:279-284, 1994.
 4. Marjjanowski, M.M.H. et al. Dilated cardiomyopathy is associated with an increase in the type I/ type II collagen ration: A quantitative assessment. *J. Am. College Cardiol.*, 25.: 1263-1272, 1995.