

Anti-Collagen Type II [mAb 1-5] Standard Size Ab00399-1.1

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: mAb 1-5

Alternative Name(s) of Target: COL2

UniProt Accession Number of Target Protein: Q91VF6

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: Human recombinant collagen II.

Specificity: Binds specifically to human native type II collagen.

Application Notes: This antibody binds to human collagen type II, a fibrillar type of collagen and the main collagenous component of cartilage.

Antibody First Published in: Ito et al. Quaternary structure-dependent idiotope and antigen binding of a monoclonal antibody specific for conformational epitope on type II collagen. Cellular and Molecular Life Science 1997; 53(1)51-60 [PMID:9117997](#)

Note on publication: Describes the generation of an anti-collagen II antibody that binds specifically to the native form.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.