
PIIANP Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250256

Unit: 0.2 mg

Description:

Collagen type II is the most abundant protein of cartilage matrix. Two isoforms exist and collagen type IIA is involved in early development of cartilage in embryos. The collagen is produced from type II procollagen when two teloterminal propeptides are digested from the precursor and released into the circulation. Procollagen type II N-terminal propeptide (PIIANP) is considered a marker of cartilage synthesis and the normal concentration in serum is approximately 30 ng/ml. This antibody is specific for human PIIANP.

Isotype: Mouse IgG1/k

Applications: E, IHC

Species Reactivity: H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Collagen alpha-1(II) chain [precursor];
Alpha-1 type II collagen

Accession No.: P02458

Antigen: Recombinant expressed PIIANP

Application Notes: Product Cat. No. 250256 diluted in 10% FCS/TBS is well suited for immunohistochemistry on formalin-fixed paraffin-embedded fetal tissue. Product Cat. No.250256 also reacts with recombinant PIIANP coated directly onto the microtiter well. The antibody binds to a site located in the N-term region of procollagen type IIA. E: 1:10,000; IHC: 1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.