
PICP (A3) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250254

Unit: 0.2 mg

Description:

Type I collagen is present in connective tissue and bone where it makes up about 90% of the organic matrix. Type I collagen is produced from type-I procollagen by the proteolytic cleavage of N- and C-telopeptides, which are released into the circulation. The propeptides can be measured in serum as markers of the production of type-I collagen. Elevated values of these propeptides are found in serum from patients with various metabolic or malignant bone diseases. Procollagen type I C-terminal propeptide (PICP) has a molecular mass of approximately 100 kDa. Its normal concentration in serum depends on age and sex. This antibody is specific for native human PICP. Cross-reactivity with PICP from other species has not been determined.

Isotype: Mouse IgG1/k

Applications: E

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: Procollagen type I C-terminal propeptide; collagen alpha-1(I) chain; alpha-1 type I collagen; COL1A1

Accession No.: P02452

Antigen: PICP purified from second-trimester amniotic fluid by affinity chromatography.

Application Notes: Product Cat. No. 250254 is especially well suited as detecting antibody in a sandwich ELISA in combination with Product Cat. No. 250253. E: 1:50,000

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.