Procollagen type I (CT) (human) monoclonal antibody (4)

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 100kDa. Its normal concentration in serum depends on age and sex.

This antibody is covered by our Worry-Free Guarantee.

Ordering Information   Order Online »

BPD-BTE-002-04-1	1mg
BPD-BTE-002-04-04	400µg

Manuals, SDS & CofA   View Online »

Handling & Storage

Long Term Storage   +4°C

Shipping   Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name   Type I collagen, Procollagen type I C-terminal propeptide, PICP

Application   ELISA

Clone   4

Formulation   Liquid. In 0.01M phosphate buffer, pH 7.4, containing 0.5M sodium chloride and 15mM sodium azide.

GenBank ID   1277

Host   Mouse

Immunogen   Purified human PICP from second trimester amniotic fluid.

Isotype   IgG1κ

Purity Detail   Protein A/G-purified.

Source   From culture supernatant.

Species Reactivity   Human

Specificity   Specific for for native PICP from amniotic fluid.

UniProt ID   P02452

Worry-free Guarantee   **This antibody is covered by our Worry-Free Guarantee.**