



# Mouse Anti-Human PINP monoclonal antibody, clone 22613 (CABT-L4266)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal derived components.
<b>Antigen Description</b>	Amino-terminal propeptide of type I procollagen (PINP) is released into blood circulation during bone formation. PINP is used as a bone turnover marker for the assessment of fracture risk and monitoring of osteoporosis treatment. PINP is recommended as reference bone formation marker by IOF and IFCC.
<b>Specificity</b>	Antibody recognizes intact form of human procollagen I N-terminal peptide. This clone detects specifically trimeric intact form of PINP. Serum concentration of intact PINP is not influenced by impaired kidney function.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	22613
<b>Purification</b>	Affinity purified, Purity ≥ 95 %
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Cap), ELISA(Det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-L4265 - CABT-L4266 CABT-L4266 - CABT-L4265
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific

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<b>Size</b>	1 mg
<b>Buffer</b>	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
<b>Preservative</b>	0.095% sodium azide
<b>Storage</b>	12 months from manufacturing at 2–8 °C
<b>Ship</b>	Wet ice

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## BACKGROUND

**Introduction** Amino-terminal propeptide of type I procollagen (PINP) is released into blood circulation during bone formation. PINP is used as a bone turnover marker for the assessment of fracture risk and monitoring of osteoporosis treatment.

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**Keywords** PINP; Procollagen Type I Intact N-Terminal Propeptide;

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