



Mouse Anti-Human CTXI Monoclonal antibody, D22 (CABT-L2317)

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

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Cross Linked C-Telopeptide Of Type I Collagen (CTXI)
Specificity	The antibody is a mouse monoclonal antibody raised against CTXI. It has been selected for its ability to recognize CTXI in immunohistochemical staining and western blotting.
Target	Cross Linked C-Telopeptide Of Type I Collagen (CTXI)
Immunogen	OVA Conjugated Cross Linked C-Telopeptide Of Type I Collagen
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Rat, Human
Clone	D22
Purification	Protein A + Protein G affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.

Preservative	None
Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction In bone physiology, the C-terminal telopeptide (or more formally, carboxy-terminal collagen crosslinks, and known by the acronym CTX) is a telopeptide that can be used as a biomarker in the serum to measure the rate of bone turnover. It can be useful in assisting clinicians to determine a patient's nonsurgical treatment response as well as evaluate a patient's risk of developing complications during healing following surgical intervention. The test used to detect the CTX marker is called the Serum CrossLaps, and it is more specific to bone resorption than any other test currently available.

Keywords CTx; C-Telopeptide Of Type I Collagen; CTX-I; CTX1;