



Mouse Anti-Human COMP monoclonal antibody, clone 21E3 (CABT-L4575)

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

PRODUCT INFORMATION

Product Overview	This product is preservative free. It is recommended to add sodium azide to avoid contamination (final concentration 0.05%-0.1%).
Specificity	This antibody has specificity for Human COMP/THBS5.
Immunogen	Recombinant Human COMP protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	21E3.
Purification	Protein A affinity chromatography
Conjugate	Unconjugated
Applications	Redommended dilution: ELISA: 1:1000-1:2000
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	PBS
Preservative	None

Storage	Store -20°C for long term.
----------------	----------------------------

Ship	Wet ice
-------------	---------

BACKGROUND

Introduction	<p>COMP is a noncollagenous extracellular matrix protein. It consists of five identical glycoprotein subunits, each with EGF like and calcium binding (thrombospondin like) domains. Oligomerization results from formation of a five stranded coiled coil and disulfides. Binding to other ECM proteins such as collagen appears to depend on divalent cations. Mutations can cause the osteochondrodysplasias pseudochoondroplasia (PSACH) and multiple epiphyseal dysplasia (MED).</p>
---------------------	---

Keywords	COMP;EDM1;EPD1;MED;PSACH;THBS5;TSP5
-----------------	-------------------------------------
