



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 Recommended 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 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 pseudochondroplasia (PSACH) and multiple epiphyseal dysplasia (MED).

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