



Mouse anti-Human CHST3 monoclonal antibody, clone 2E4 (CABT-B9969)

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

PRODUCT INFORMATION

Immunogen	CHST3 (NP_004264, 312 a.a. ~ 412 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2E4
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	VAFAGKYKTWKKWLDDEGQDGLREEEVQRLRGNCESIRLSAELGLRQPAWLRGRYMLVRY EDVARGPLQKAREMYRFAGIPLTPQVEDWIQKNTQAAHDG*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes an enzyme which catalyzes the sulfation of chondroitin, a proteoglycan found in the extracellular matrix and most cells which is involved in cell migration and
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differentiation. Mutations in this gene are associated with spondylepiphyseal dysplasia and humerospinal dysostosis. [provided by RefSeq, Mar 2009]

Keywords

CHST3; carbohydrate (chondroitin 6) sulfotransferase 3; HSD; C6ST; C6ST1; carbohydrate sulfotransferase 3; GST-0; C6ST-1; chondroitin 6-O-sulfotransferase 1; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 0;

GENE INFORMATION

Entrez Gene ID

[9469](#)

UniProt ID

[Q7LGC8](#)

Pathway

Glycosaminoglycan biosynthesis - chondroitin sulfate, organism-specific biosystem;
Glycosaminoglycan biosynthesis - chondroitin sulfate, conserved biosystem

Function

chondroitin 6-sulfotransferase activity; proteoglycan sulfotransferase activity; sulfotransferase activity; transferase activity
