



Mouse anti-Human EXT1 monoclonal antibody, clone 6B6 (CABT-B10218)

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

PRODUCT INFORMATION

Immunogen	EXT1 (AAH01174, 246 a.a. ~ 345 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	6B6
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	GERGFLKFNTIPPLRKYMLVFKGKRYLTGIGSDTRNALLYHVHNGEDVLLTTCKHKGKDQWQ KHKDSRCDRDNTEYEKYDYREMLHNATFCLVPRGRRLGSF
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 endoplasmic reticulum-resident type II transmembrane glycosyltransferase involved in the chain elongation step of heparan sulfate biosynthesis.
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Mutations in this gene cause the type I form of multiple exostoses. [provided by RefSeq, Jul 2008]

Keywords	EXT1; exostosin glycosyltransferase 1; EXT; LGS; TTV; LGCR; TRPS2; exostosin-1; exostosin 1; exostoses (multiple) 1; multiple exostoses protein 1; putative tumor suppressor protein EXT1; Langer-Giedion syndrome chromosome region; N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase; Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase;
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GENE INFORMATION

Entrez Gene ID	2131
UniProt ID	Q16394
Pathway	Glycosaminoglycan biosynthesis - heparan sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - heparan sulfate, conserved biosystem; Metabolic pathways, organism-specific biosystem
Function	N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase activity; N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase activity; acetylglucosaminyltransferase activity; glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase activity; glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase activity; glucuronosyltransferase activity; heparan sulfate N-acetylglucosaminyltransferase activity; protein binding; protein heterodimerization activity; protein homodimerization activity; transferase activity, transferring glycosyl groups