



Mouse anti-Human CHST5 monoclonal antibody, clone 3F7 (CABT-B9971)

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

PRODUCT INFORMATION

Immunogen	CHST5 (NP_036258, 310 a.a. ~ 391 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	3F7
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	GSGIGKPIEAFHTSSRNARNVSQAWRHLPFTKILRVQEV CAGALQLLGYRPVYSADQQR DLTLDLVLPRGPDHFSWASPD*
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	The protein encoded by this gene belongs to the Gal/GalNAc/GlcNAc 6-O-sulfotransferase (GST) family, members of which catalyze the transfer of sulfate to position 6 of galactose (Gal),
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N-acetylgalactosamine (GalNAc), or N-acetylglucosamine (GlcNAc) residues within proteoglycans, and sulfation of O-linked sugars of mucin-type acceptors. Carbohydrate sulfation plays a critical role in many biologic processes. This gene is predominantly expressed in colon and small intestine. [provided by RefSeq, Aug 2011]

Keywords	CHST5; carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5; gn6st-3; hIGn6ST; I-GlcNAc6ST; glcNAc6ST-3; I-GlcNAc-6-ST; carbohydrate sulfotransferase 5; GST4-alpha; intestinal GlcNAc-6-sulfotransferase; N-acetylglucosamine 6-O-sulfotransferase 3; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 4-alpha;
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GENE INFORMATION

Entrez Gene ID	23563
UniProt ID	Q9GZS9
Function	N-acetylglucosamine 6-O-sulfotransferase activity; sulfotransferase activity; transferase activity
