



Mouse anti-Human HS6ST1 monoclonal antibody, clone 2H5 (CABT-B10430)

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

PRODUCT INFORMATION

Immunogen	HS6ST1 (NP_004798, 303 a.a. ~ 402 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	2H5
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	IRPFMQYNSTRAGGVEVDEDTIRRIEELNDLDMQLYDYAKDLFQQRYQYKRQLERREQRL RSREERLLHRAKEALPREDADEPGRVPTEDYMSHIIEKW*
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 is a member of the heparan sulfate biosynthetic enzyme family. Heparan sulfate biosynthetic enzymes are key components in generating a myriad of
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distinct heparan sulfate fine structures that carry out multiple biological activities. This enzyme is a type II integral membrane protein and is responsible for 6-O-sulfation of heparan sulfate. This enzyme does not share significant sequence similarity with other known sulfotransferases. A pseudogene located on chromosome 1 has been found for this gene. [provided by RefSeq, Jul 2008]

Keywords	HS6ST1; heparan sulfate 6-O-sulfotransferase 1; HH15; HS6ST; heparan-sulfate 6-O-sulfotransferase 1; HS6ST-1; heparan-sulfate 6-sulfotransferase;
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GENE INFORMATION

Entrez Gene ID	9394
UniProt ID	O60243
Pathway	Glycosaminoglycan biosynthesis - heparan sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - heparan sulfate, conserved biosystem
Function	sulfotransferase activity; transferase activity
