

Anti-B3GNT1 monoclonal antibody (DCABH-690)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to B3GNT
Antigen Description	Can initiate the synthesis or the elongation of the linear poly-N-acetyllactosaminoglycans.
Immunogen	Recombinant fragment: AYVVPWQDPW EPFYVAGGKV PTFDERFRQY GFNRISQACE LHVAGFDFEV LNEGFLVHKG FKEALKFHPQ KEAENQHNKI LYRQFKQELK AKYPNSPRRC, corresponding to C terminal amino acids 316-415 of Human B3GNT with a proprietary tag (NP_006867).
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA, Sandwich ELISA
Positive Control	Recombinant Human B3GNT protein.
Format	Liquid
Size	100 µg
Buffer	pH: 7.20; Constituent: 99% PBS
Preservative	None
Storage	store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	B3GNT1 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1 [Homo sapiens]
Official Symbol	B3GNT1
Synonyms	B3GNT1; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1; B3GNT6, UDP GlcNAc:betaGal beta 1,3 N acetylglucosaminyltransferase 6; N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase; B3GN T1; BETA3GNTI; iGAT; iGNT; iGnT; poly-N-ace
Entrez Gene ID	11041
Protein Refseq	NP_006867
UniProt ID	A0A024R5F9
Chromosome Location	11q13.2
Pathway	Glycosaminoglycan biosynthesis - keratan sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - keratan sulfate, conserved biosystem; Glycosphingolipid biosynthesis - lacto and neolacto series, organism-specific biosystem; Glycosphingolipid biosynthesis - lacto and neolacto series, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase activity; transferase activity, transferring glycosyl groups;

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