



Anti-C1GALT1C1 monoclonal antibody (DCABH-14775)

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

PRODUCT INFORMATION

Antigen Description	Probable chaperone required for the generation of 1 O-glycan Gal-beta1-3GalNAc-alpha1-Ser/Thr (T antigen), which is a precursor for many extended O-glycans in glycoproteins. Probably acts as a specific molecular chaperone assisting the folding/stability of core 1 beta-3-galactosyltransferase (C1GALT1).
Immunogen	A synthetic peptide of human C1GALT1C1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	C1GALT1C1 C1GALT1-specific chaperone 1 [Homo sapiens]
Official Symbol	C1GALT1C1
Synonyms	C1GALT1C1; C1GALT1-specific chaperone 1; C1GALT2; COSMC; C1Gal-T2; core 1 beta3-Gal-T2; C38H2-like protein 1; beta 1,3-galactosyltransferase 2; core 1 beta1,3-galactosyltransferase 2; core 1 beta3-galactosyltransferase-specific molecular chaperone; MST143; HSPC067; C38H2-L1; MGC19947;
Entrez Gene ID	29071
Protein Refseq	NP_001011551
UniProt ID	Q96EU7
Chromosome Location	Xq24
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Mucin type O-Glycan biosynthesis, organism-specific biosystem; Mucin type O-Glycan biosynthesis, conserved biosystem; O-glycan biosynthesis, mucin type c.
Function	polypeptide N-acetylgalactosaminyltransferase activity;