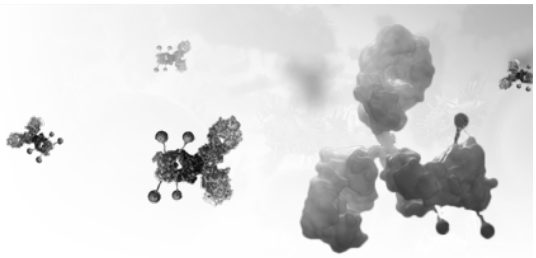

Anti-B4GALNT3 monoclonal antibody (DCABH-10698)

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

PRODUCT INFORMATION

Antigen Description	B4GALNT3 transfers N-acetylgalactosamine (GalNAc) onto glucosyl residues to form N,N-prime-diacetyllactosediamine (LacdiNAc, or LDN), a unique terminal structure of cell surface N-glycans (Ikehara et al., 2006 [PubMed 16728562]).
Immunogen	A synthetic peptide of human B4GALNT3 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	B4GALNT3 beta-1,4-N-acetyl-galactosaminyl transferase 3 [Homo sapiens]
Official Symbol	B4GALNT3

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Synonyms	B4GALNT3; beta-1,4-N-acetyl-galactosaminyl transferase 3; N-acetyl-beta-glucosaminyl-glycoprotein 4-beta-N-acetylgalactosaminyltransferase 2; B4GalNac T3; FLJ16224; FLJ40362; NGalNAc-T2; beta4GalNAcT3; Beta4GalNAc-T3; beta-1,4-N-acetylgalactosaminyltransferase III; N-acetyl-beta-glucosaminyl-glycoprotein 4-beta-N- acetylgalactosaminyltransferase;
Entrez Gene ID	283358
Protein Refseq	NP_775864
UniProt ID	Q6L9W6
Chromosome Location	12p13.33
Function	N-acetyl-beta-glucosaminyl-glycoprotein 4-beta-N-acetylgalactosaminyltransferase activity; acetylgalactosaminyltransferase activity; transferase activity;

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