



# Anti-FUT6 monoclonal antibody (DCABH-11632)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X, an E-selectin ligand. Mutations in this gene are a cause of fucosyltransferase-6 deficiency. Two transcript variants encoding the same protein have been found for this gene.
<b>Immunogen</b>	A synthetic peptide of human FUT6 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FUT6 fucosyltransferase 6 (alpha (1,3) fucosyltransferase) [ Homo sapiens ]</a>
<b>Official Symbol</b>	FUT6

<b>Synonyms</b>	FUT6; fucosyltransferase 6 (alpha (1,3) fucosyltransferase); alpha-(1,3)-fucosyltransferase; alpha (1; 3) fucosyltransferase; FCT3A; FLJ40754; FT1A; FucT VI; galactoside 3 L fucosyltransferase; fucosyltransferase VI; galactoside 3-L-fucosyltransferase; Fuc-TVI; FucT-VI;
<b>Entrez Gene ID</b>	<a href="#">2528</a>
<b>Protein Refseq</b>	<a href="#">NP_000141</a>
<b>UniProt ID</b>	<a href="#">P51993</a>
<b>Chromosome Location</b>	19p13.3
<b>Pathway</b>	Glycosphingolipid biosynthesis - lacto and neolacto series, organism-specific biosystem; Glycosphingolipid biosynthesis - lacto and neolacto series, conserved biosystem; Metabolic pathways, organism-specific biosystem;
<b>Function</b>	3-galactosyl-N-acetylglucosaminide 4-alpha-L-fucosyltransferase activity; alpha-(1-> 3)-fucosyltransferase activity; fucosyltransferase activity; transferase activity, transferring glycosyl groups;