



# Anti-FUT8 monoclonal antibody (DCABH-11633)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This enzyme belongs to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternatively spliced variants encoding different isoforms have been identified.
<b>Immunogen</b>	A synthetic peptide of human FUT8 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

Gene Name	<a href="#">FUT8 fucosyltransferase 8 (alpha (1,6) fucosyltransferase) [ Homo sapiens ]</a>
Official Symbol	FUT8
Synonyms	FUT8; fucosyltransferase 8 (alpha (1,6) fucosyltransferase); alpha-(1,6)-fucosyltransferase; alpha1-6FucT; glycoprotein 6-alpha-L-fucosyltransferase; GDP-fucose--glycoprotein fucosyltransferase; GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1,6-fucosyltransferase; MGC26465;
Entrez Gene ID	<a href="#">2530</a>
Protein Refseq	<a href="#">NP_004471</a>
UniProt ID	<a href="#">Q546E0</a>
Chromosome Location	14q24.3
Pathway	Asparagine N-linked glycosylation, organism-specific biosystem; Glycosaminoglycan biosynthesis - keratan sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - keratan sulfate, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; N-Glycan biosynthesis, organism-specific biosystem; N-Glycan biosynthesis, conserved biosystem.
Function	SH3 domain binding; glycoprotein 6-alpha-L-fucosyltransferase activity; transferase activity, transferring glycosyl groups;