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FUT8 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11123c

Specification

FUT8 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q9BYC5

FUT8 Antibody (Center) Blocking peptide - Additional Information

Gene ID 2530

Other Names
Alpha-(1, 6)-fucosyltransferase, Alpha1-6FucT, Fucosyltransferase 8, GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1, 6-fucosyltransferase, GDP-fucose--glycoprotein fucosyltransferase, Glycoprotein 6-alpha-L-fucosyltransferase, FUT8

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FUT8 Antibody (Center) Blocking peptide - Protein Information

Name FUT8

Function
Catalyzes the addition of fucose in alpha 1-6 linkage to the first GlcNAc residue, next to the peptide chains in N-glycans.

Cellular Location
Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein
Note=Membrane-bound form in trans cisternae of Golgi.

FUT8 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

FUT8 Antibody (Center) Blocking peptide - Images

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FUT8 Antibody (Center) Blocking peptide - Background

This enzyme belongs to the family of fucosyltransferases.The product of this gene catalyzes the transfer of fucose fromGDP-fucose to N-linked type complex glycopeptides. This enzyme isdistinct from other fucosyltransferases which catalyze alpha1-2,alpha1-3, and alpha1-4 fucose addition. The expression of this genemay contribute to the malignancy of cancer cells and to theirinvasive and metastatic capabilities. Alternatively splicedvariants encoding different isoforms have been identified.

FUT8 Antibody (Center) Blocking peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Wang, X., et al. J. Biochem. 145(5):643-651(2009)Kudo, T., et al. Mol. Cancer 6, 32 (2007) :Ihara, H., et al. Glycobiology 16(4):333-342(2006)Ito, Y., et al. Cancer Lett. 200(2):167-172(2003)