



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti GnT-V

GnT-V is a reported alias name for the human gene MGAT5, or 'alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase'. The 741-amino acid protein is a member of the Glycosyltransferase 18 family. It catalyzes the addition of beta-1,6-N-acetylglucosamine to the alpha-linked mannose of biantennary N-linked oligosaccharides present on the newly synthesized glycoproteins. It is one of the most important enzymes involved in the regulation of the biosynthesis of glycoprotein oligosaccharides. Alterations of the oligosaccharides on cell surface glycoproteins cause significant changes in the adhesive or migratory behavior of a cell. Increase in the activity of this enzyme has been correlated with the progression of invasive malignancies.

This antibody was generated by immunization of rabbits with GnT-V coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4834 (Lot A13303)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Rat
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 µl distilled water. This will give the equivalent of undiluted antiserum.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Protein database:	n/a

Applications:

Tested in immunohistochemistry (IHC) and ELISA against GnT-V. Other applications like FACS or Western Blot may work as well.

Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:

Frozen sections: not tested yet.

Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.