



BMA BIOMEDICALS



Peninsula Laboratories

T-4834

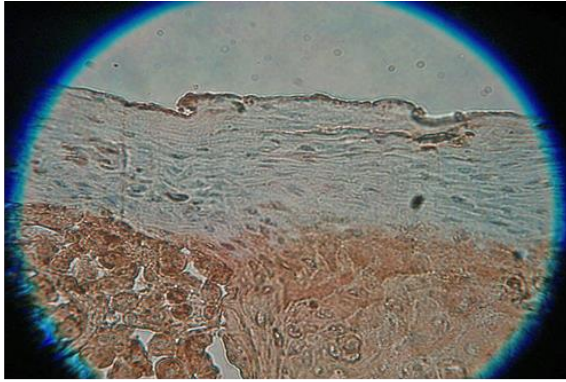
Rabbit anti GnT-V (human) [UniProt: Q09328]

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

Lot number:	A13303
Host species:	Rabbit IgG
Quantity:	50µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against GnT-V. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.



Tissues used: Human skin melanoma
Dilution: 1:1000
Incubation time: 3 hours at 37°
Pre-treatment: 0.01M Citrate buffer pH 6.0
Secondary antibody: poly-HRP

This product contains no preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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neat serum

1.3.2021