

## Product datasheet for **TA800414**

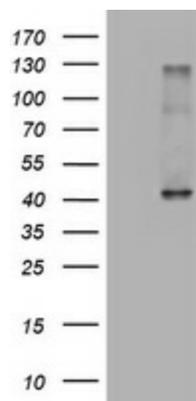
### **A4GNT Mouse Monoclonal Antibody [Clone ID: OTI2C1]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2C1
<b>Applications:</b>	WB
<b>Recommend Dilution:</b>	WB 1:500
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 121-340 of human A4GNT (NP_057245) produced in E.coli.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Predicted Protein Size:</b>	39.3 kDa
<b>Gene Name:</b>	alpha-1,4-N-acetylglucosaminyltransferase
<b>Database Link:</b>	<a href="#">NP_057245</a> <a href="#">Entrez Gene 51146</a> <a href="#">Human</a>
<b>Background:</b>	This gene encodes a protein from the glycosyltransferase 32 family. The enzyme catalyzes the transfer of N-acetylglucosamine (GlcNAc) to core 2 branched O-glycans. It forms a unique glycan, GlcNAc $\alpha$ 1 $\rightarrow$ 4Gal $\beta$ 2 $\rightarrow$ 6Man $\alpha$ 6 and is largely associated with the Golgi apparatus membrane. [provided by RefSeq, Jul 2008]
<b>Synonyms:</b>	alpha4GnT
<b>Protein Families:</b>	Transmembrane



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**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY A4GNT ([RC221256], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-A4GNT. Positive lysates [LY414153] (100ug) and [LC414153] (20ug) can be purchased separately from OriGene.