

Product datasheet for TA816147S

B4GALNT4 Mouse Monoclonal Antibody [Clone ID: OTI1H1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1H1
Applications:	WB
Recommended Dilution:	WB1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment of Human B4GALNT4 (NP_848632) produced in Ecoli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Stability:	Stable for 12 months from date of receipt
Predicted Protein Size:	116.3KD
Gene Name:	beta-1,4-N-acetyl-galactosaminyltransferase 4
Database Link:	Entrez Gene 338707 Human Q76KP1



Background:

Transfers N-acetylgalactosamine (GalNAc) from UDP-GalNAc to N-acetylglucosamine-beta-benzyl with a beta-1,4-linkage to form N,N'-diacetyllactosamine, GalNAc-beta-1,4-GlcNAc structures in N-linked glycans and probably O-linked glycans.[UniProtKB/Swiss-Prot Function]

Note:

WB application: Only overexpression results are guaranteed, not endogenous

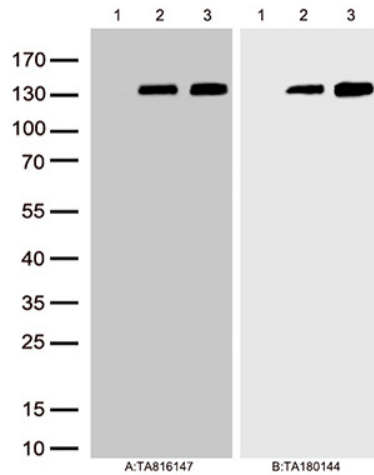
Product images:

Figure A, Western blot analysis of overexpressed lysates (15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], lane 1), human B4GALNT4 plasmid ([RC224753], lane 2), mouse B4GALNT4 plasmid ([MR220287], lane 3) using anti-B4GALNT4 antibody [TA816147] (1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)