

## Anti-B3GNT3 antibody

<b>Cat. No.</b>	ml263258
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-B3GNT3 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human B3GNT3
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.5 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	B3GNT3
<b>Full name</b>	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3

**Synonyms** TMEM3; B3GN-T3; B3GNT-3; HP10328; B3GAL-T8; beta3Gn-T3

**Swissprot** Q9Y2A9

### **Target Background**

This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein and contains a signal anchor that is not cleaved. It prefers the substrates of lacto-N-tetraose and lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains and the biosynthesis of the backbone structure of dimeric sialyl Lewis a. It plays dominant roles in L-selectin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking.

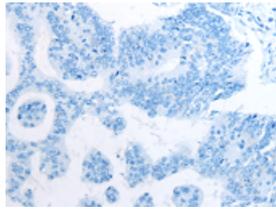
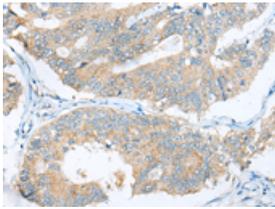
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colorectal cancer

Recommended dilution: 25-100

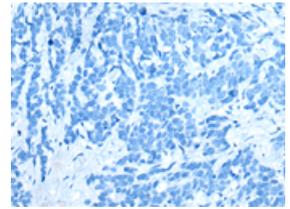
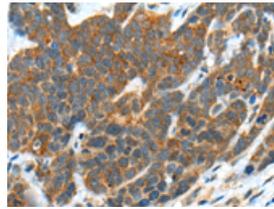


The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml263258(B3GNT3 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml263258(B3GNT3 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 43 kDa

Positive control: Hela and 293T cell lysates

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

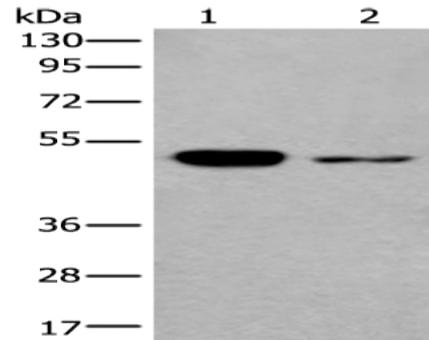
Lysate: 40  $\mu$ g

Lane 1-2: Hela and 293T cell lysates

Primary antibody: ml263258(B3GNT3 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



#### ELISA

Recommended dilution: 5000-10000

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