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Datasheet for ABIN654653

anti-B3GNT4 antibody (AA 233-260)

3 Images

Overview

Quantity:	400 µL
Target:	B3GNT4
Binding Specificity:	AA 233-260
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B3GNT4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This B3GNT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 233-260 amino acids from the Central region of human B3GNT4.
Clone:	RB24581
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	B3GNT4
Alternative Name:	B3GNT4 (B3GNT4 Products)
Background:	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase protein family.

Target Details

The encoded enzyme is involved in the biosynthesis of poly-N-acetyllactosamine chains and prefers lacto-N-neotetraose as a substrate. It is a type II transmembrane protein. [provided by RefSeq].

Molecular Weight: 42310

Gene ID: 79369

NCBI Accession: [NP_110392](#)

UniProt: [Q9C0J1](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

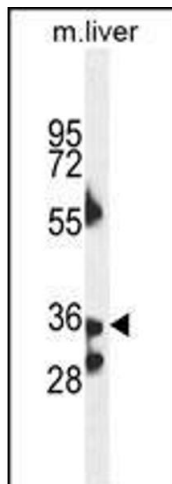
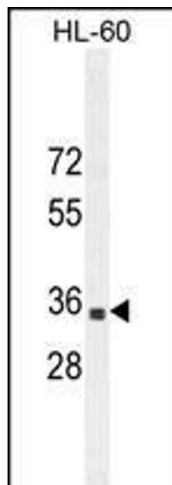
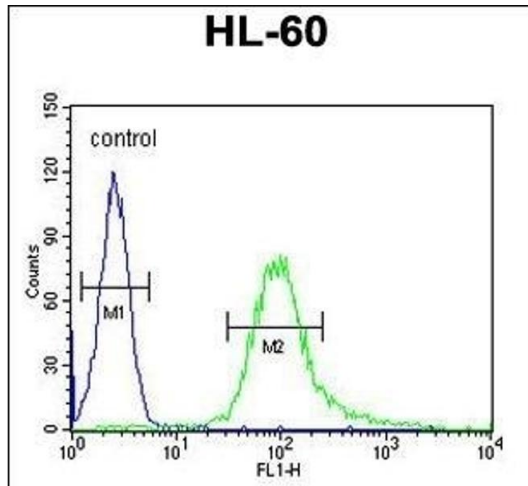
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. B3GNT4 Antibody (Center) (ABIN654653 and ABIN2844349) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. B3GNT4 Antibody (Center) (ABIN654653 and ABIN2844349) western blot analysis in HL-60 cell line lysates (35 µg/lane). This demonstrates the B3GNT4 antibody detected the B3GNT4 protein (arrow).

Western Blotting

Image 3. B3GNT4 Antibody (Center) (ABIN654653 and ABIN2844349) western blot analysis in mouse liver tissue lysates (35 µg/lane). This demonstrates the B3GNT4 antibody detected the B3GNT4 protein (arrow).