



Datasheet for ABIN950590
anti-B3GNT4 antibody (Middle Region)



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3 Images

Overview

Quantity:	0.4 mL
Target:	B3GNT4
Binding Specificity:	AA 236-264, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B3GNT4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 236-264 amino acids from the Central region of human B3GNT4
Isotype:	Ig Fraction
Specificity:	This antibody reacts to B3GNT4.
Cross-Reactivity (Details):	Species reactivity (tested):Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	B3GNT4
Alternative Name:	B3GNT4 (B3GNT4 Products)

Target Details

Background: This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase protein family. 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].Synonyms: 3-N-acetylglucosaminyltransferase 4, 3-N-acetylglucosaminyltransferase-4, BGnT-4, Beta-1, Beta3Gn-T4, UDP-GlcNAc:betaGal beta-1, UNQ1898/PRO4344

Gene ID: 79369

NCBI Accession: [NP_110392](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) sodium azide as preservative

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

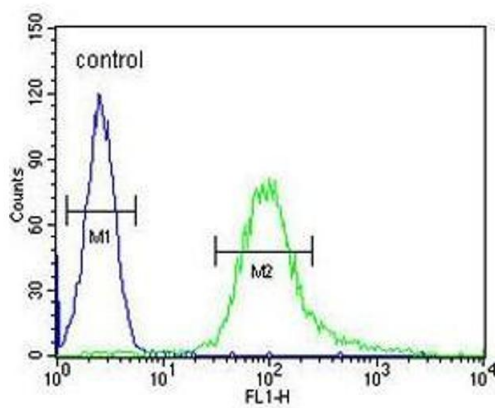
Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. B3GNT4 Antaibody (Center) western blot analysis in HL-60 cell line lysates (35µg/lane).This demonstrates the B3GNT4 antibody detected the B3GNT4 protein (arrow).

HL-60



Western Blotting

Image 2. B3GNT4 Antaibody (Center) western blot analysis in mouse liver tissue lysates (35µg/lane).This demonstrates the B3GNT4 antibody detected the B3GNT4 protein (arrow).

Flow Cytometry

Image 3. B3GNT4 Antibody (Center) 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.