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Datasheet for ABIN952446  
**anti-GALNT5 antibody (N-Term)**

3 Images

### Overview

Quantity:	0.4 mL
Target:	GALNT5
Binding Specificity:	AA 31-61, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide between 31~61 amino acids from the N-terminal region of Human GALNT5
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse GALNT5 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

### Target Details

Target:	GALNT5
Alternative Name:	GALNT5 ( <a href="#">GALNT5 Products</a> )

## Target Details

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Background:	GALNT5 can catalyze the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. GALNT5 has activity toward EA2 peptide substrate, but it has a weak activity toward Muc2 or Muc1b substrates. Synonyms: GalNAc transferase 5, GalNAc-T5, Polypeptide N-acetylgalactosaminyltransferase 5, Protein-UDP acetylgalactosaminyltransferase 5, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 5, pp-GaNTase 5
Molecular Weight:	106266 Da
Gene ID:	11227
NCBI Accession:	<a href="#">NP_055383</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

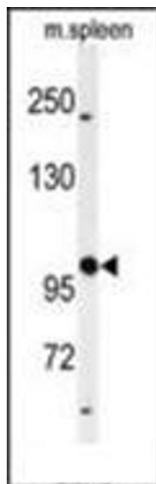
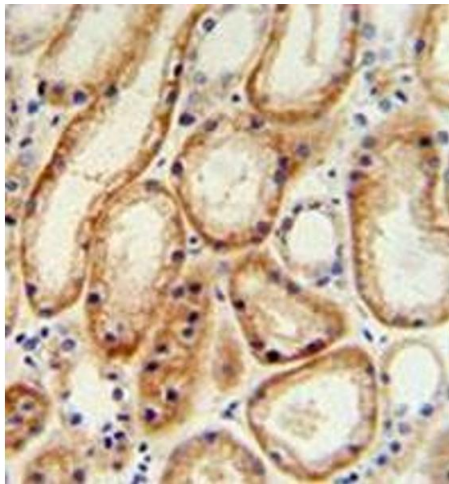
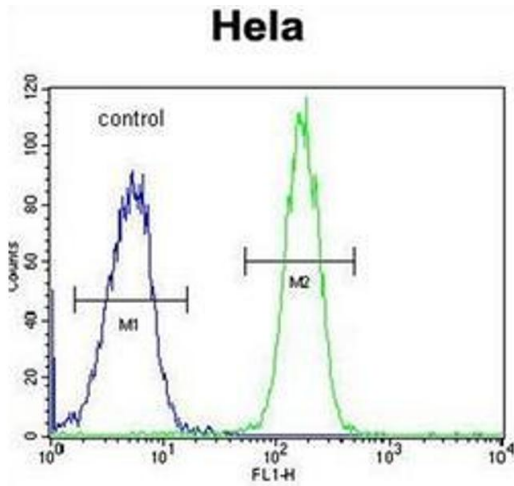
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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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 undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



### Flow Cytometry

**Image 1.** Flow cytometric analysis of HeLa cells using GALNT5 Antibody (N-term) Cat.-No AP51770PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human normal lung tissue reacted with GALNT5 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.

### Western Blotting

**Image 3.** Western blot analysis of GALNT5 Antibody (N-term) in mouse spleen tissue lysates (35ug/lane). GALNT5 (arrow) was detected using the purified Pab.