Datasheet for ABIN952482

anti-GCNT3 antibody (C-Term)

3 Images

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Overview

Quantity:	0.4 mL
Target:	GCNT3
Binding Specificity:	AA 390-418, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCNT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 390-418 amino acids from the C-terminal region of Human GCNT3
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse GCNT3 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	GCNT3
Alternative Name:	GCNT3 (GCNT3 Products)

Target Details

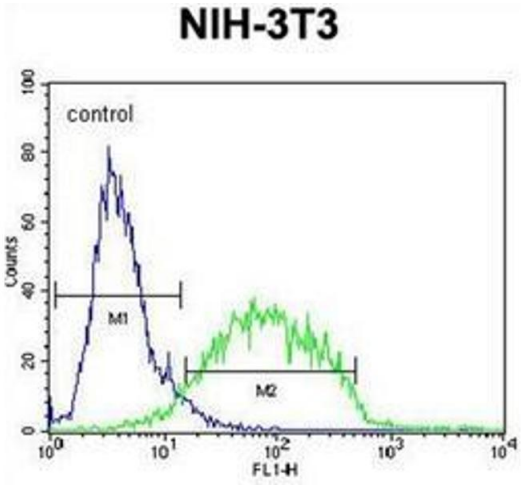
Background:	This gene encodes a member of the N-acetylglucosaminyltransferase family. The encoded protein is a beta-6-N-acetylglucosamine-transferase that catalyzes the formation of core 2 and core 4 O-glycans on mucin-type glycoproteins.Synonyms: 3-galactosyl-O-glycosyl-glycoprotein beta-1, 6-N-acetylglucosaminyltransferase, 6-N-acetylglucosaminyltransferase 3, Beta-1, C2/4GnT, C2GnT-mucin type, Core 2/core 4 beta-1
Molecular Weight:	50864 Da
Gene ID:	9245
NCBI Accession:	NP_004742
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

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

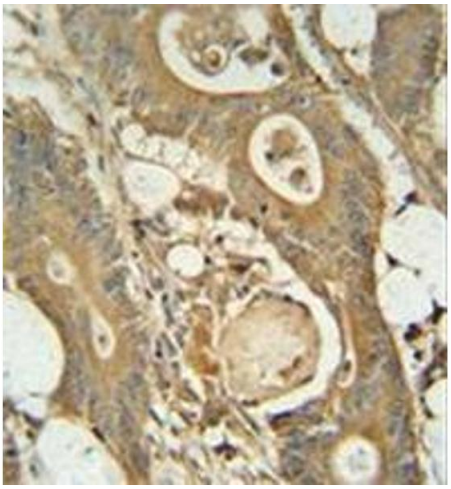
Handling

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



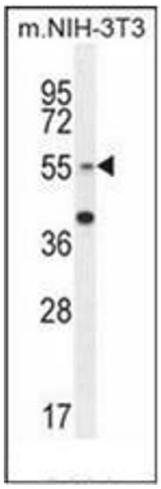
Flow Cytometry

Image 1. Flow cytometric analysis of NIH-3T3 cells using GCNT3 Antibody (C-term) Cat.-No AP51804PU-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 colon carcinoma reacted with GCNT3 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 3. Western blot analysis of GCNT3 Antibody (C-term) in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the GCNT3 antibody detected the GCNT3 protein (arrow).