



Magic™ Rabbit Anti-Human GCNT1 Monoclonal antibody, clone 341558H23 (DMAB- CPT851)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Human GCNT1
Immunogen	GCNT1 fusion protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	341558H23
Purification	Protein A purification
Conjugate	Unconjugated
Applications	CBA(Cap) We recommend the following antibodies for sandwich immunoassay (Capture - Detection): DMAB-CPT851 - DMAB-CPT852 Cytometric Bead Array: 0.625-20 ng/mL
Format	Liquid
Size	100 µg
Buffer	PBS only
Preservative	None

Storage

Store at -80°C.

BACKGROUND

Introduction

Glucosaminyl (N-acetyl) transferase 1 (GCNT1, also known as C2GNT1), is a glycosyltransferase enzyme that plays an essential role in the formation of core 2 branched O-glycans that is crucial to the final definition of O-glycan structure (PMID: 37813880). GCNT1 promotes the growth of prostate tumors and regulates oncogenic gene expression pathways that are important for disease progression.

Keywords

C2GNT; C2GNT L; C2GNT1; Core 2 branching enzyme; Core 2 GNT; Core2 GlcNAc transferase; G6NT; GCNT1; NACGT2; NAGCT2; Glucosaminyl (N-acetyl) transferase 1

GENE INFORMATION

Entrez Gene ID[2650](#)**UniProt ID**[Q02742](#)
