

Product Datasheet

Polypeptide GalNac Transferase 1/GALNT1 Antibody (3C10) - Azide and BSA Free H00002589-M10

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00002589-M10

Polypeptide GalNAc Transferase 1/GALNT1 Antibody (3C10) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3C10
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

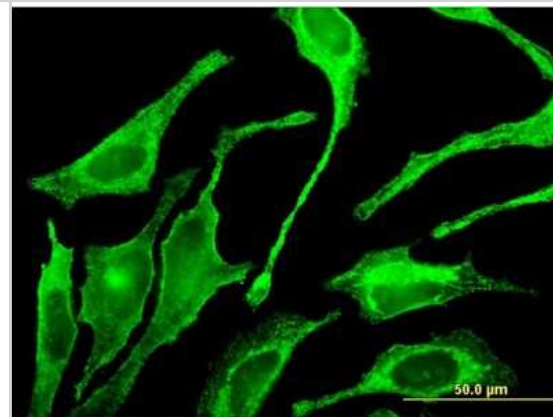
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2589
Gene Symbol	GALNT1
Species	Human
Specificity/Sensitivity	GALNT1 - UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1 (GalNAc-T1) (3C10)
Immunogen	GALNT1 (NP_065207, 42 a.a. ~ 123 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LPAGDVLEPVQKPHEGPGEMGKPVVIPKEDQEKMFKINQFNLMASEMIAL NRSLPDVRLEGCKTKVYPDNLPTTSVVIV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

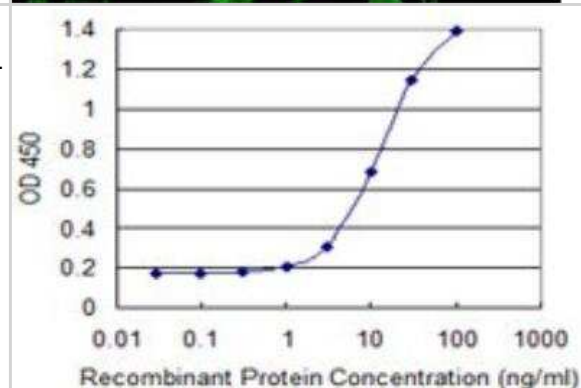


Images

Immunocytochemistry/Immunofluorescence: Polypeptide GalNac Transferase 1/GALNT1 Antibody (3C10) [H00002589-M10] - Analysis of monoclonal antibody to GALNT1 on HeLa cell. Antibody concentration 10 ug/ml



ELISA: Polypeptide GalNac Transferase 1/GALNT1 Antibody (3C10) [H00002589-M10] - Detection limit for recombinant GST tagged GALNT1 is 0.3 ng/ml as a capture antibody.



Publications

Junchang Z, Han W, Jing W et al. GALNT1 Enhances Malignant Phenotype of Gastric Cancer via Modulating CD44 Glycosylation to Activate the Wnt/ β -catenin Signaling Pathway. *Int J Biol Sci.* 2022-10-17 [PMID: 36439876]

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Products Related to H00002589-M10

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-81852PEP	Polypeptide GalNac Transferase 1/GALNT1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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