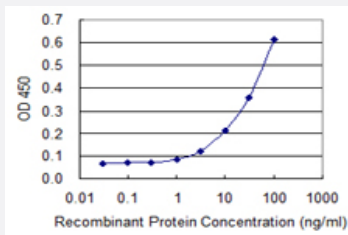


GALNT13 monoclonal antibody (M04), clone 3F3

Catalog # H00114805-M04

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GALNT13 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.29 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GALNT13.

Immunogen

GALNT13 (NP_443149.1, 47 a.a. ~ 151 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

RAVISRNQEGPGEMGKAVLIPKDDQEKMKELFKINQFNLMASDLIALNRSLPDVRLEGCKTKVYP
DELPNTSVVVFHNEAWSTLLRTVYSVINRSPHYLLSEVI

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.29 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GALNT13 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GALNT13

Entrez GeneID	114805
GeneBank Accession#	NM_052917
Protein Accession#	NP_443149.1
Gene Name	GALNT13
Gene Alias	FLJ16031, FLJ41157, GalNAc-T13, H_NH0187G20.1, KIAA1918, MGC119459, MGC119461, WUGSC:H_NH0187G20.1
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13 (GalNAc-T13)
Omim ID	608369
Gene Ontology	Hyperlink

Gene Summary

The GALNT13 protein is a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAcT; EC 2.4.1.41) family, which initiate O-linked glycosylation of mucins (see MUC3A, MIM 158371) by the initial transfer of N-acetylgalactosamine (GalNAc) with an alpha-linkage to a serine or threonine residue.[supplied by OMIM]

Other Designations

GalNAc transferase 13|OTTHUMP00000162746|UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13

Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)

Disease

- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Tobacco Use Disorder](#)