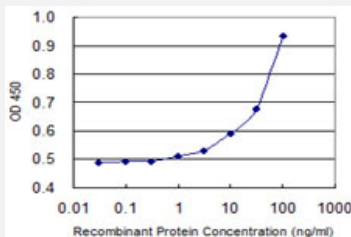


# GALNT14 monoclonal antibody (M01), clone 2A8

Catalog # H00079623-M01

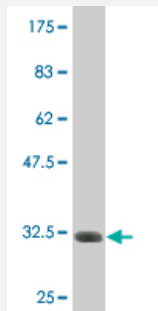
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GALNT14 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (32.12 KDa) .

## Specification

|                               |                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse monoclonal antibody raised against a partial recombinant GALNT14.                                                |
| Immunogen                     | GALNT14 (NP_078848.2, 494 a.a. ~ 551 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence                      | KNGDDRQQWTKTGSHEHIAHLCLDMDFGDGTENGKEIVNPCESSLMSQHWDMVS                                                                 |
| Host                          | Mouse                                                                                                                  |
| Reactivity                    | Human                                                                                                                  |
| Interspecies Antigen Sequence | Mouse (91); Rat (92)                                                                                                   |

|                         |                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| Isotype                 | IgG2a Kappa                                                                                              |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (32.12 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 GALNT14 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — GALNT14

|                     |                                                                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">79623</a>                                                                                                                                                                                                                                                                     |
| GeneBank Accession# | <a href="#">NM_024572</a>                                                                                                                                                                                                                                                                 |
| Protein Accession#  | <a href="#">NP_078848.2</a>                                                                                                                                                                                                                                                               |
| Gene Name           | GALNT14                                                                                                                                                                                                                                                                                   |
| Gene Alias          | FLJ12691, FLJ13977, GALNT15, GalNac-T10, GalNac-T14                                                                                                                                                                                                                                       |
| Gene Description    | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14 (GalNAc-T14)                                                                                                                                                                                          |
| Omim ID             | <a href="#">608225</a>                                                                                                                                                                                                                                                                    |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                 |
| Gene Summary        | GALNT14 (EC 2.4.1.41) belongs to a large subfamily of glycosyltransferases residing in the Golgi apparatus. GALNT enzymes catalyze the first step in the O-glycosylation of mammalian proteins by transferring N-acetyl-D-galactosamine (GalNAc) to peptide substrates.[supplied by OMIM] |

**Other Designations**

UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T10|UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T14|UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14|polypeptide N-acetylgalactosaminyltransferase 15

**Pathway**

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

**Disease**

- [Tobacco Use Disorder](#)