

## B3GALNT1 antibody [PA5]

**Cat. No. GTX04882**

|                     |                  |
|---------------------|------------------|
| <b>Host</b>         | Mouse            |
| <b>Clonality</b>    | Monoclonal       |
| <b>Isotype</b>      | IgM              |
| <b>Applications</b> | ICC/IF, FCM, TLC |
| <b>Reactivity</b>   | Human            |

**Package**  
100 µg

### Applications

#### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| ICC/IF             | Assay dependent      |
| FCM                | Assay dependent      |
| TLC                | Assay dependent      |

Not tested in other applications.

#### Product Note

This antibody is specific for Gb4Cer and does not cross react with various glycosphingolipids: LacCer, Gb3Cer, Gg3Cer, Gg4Cer, GM1, GM2, and GM3, determined by ELISA assay. (PMID: 33564002)

### Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS                                                                                                                                                                                                                        |
| <b>Preservative</b>  | No preservatives                                                                                                                                                                                                           |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 0.5 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                 |
| <b>Immunogen</b>     | Gb4Cer-labeled very long chain fatty acid (VLCFA)                                                                                                                                                                          |
| <b>Purification</b>  | Purified by hydroxyapatite chromatography<br>From tissue culture supernatant                                                                                                                                               |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |



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**Note**

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