



Rat anti-Mouse B3galt5 monoclonal antibody, clone ND-742 (CABT-B9825)

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

PRODUCT INFORMATION

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| Immunogen | Native purified from 4-8 cell stage mouse embryos. |
| Isotype | IgM |
| Source/Host | Rat |
| Species Reactivity | Mouse |
| Clone | ND-742 |
| Conjugate | Unconjugated |
| Applications | IHC, ICC, IF, FC |
| Format | Liquid |
| Buffer | In buffer containing 0.1% sodium azide |
| Storage | Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing. |

BACKGROUND

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| Introduction | This gene encodes a member of a family of membrane-bound glycoproteins. The encoded protein may synthesize type 1 Lewis antigens, which are elevated in gastrointestinal and pancreatic cancers. Alternatively spliced transcript variants have been observed for this gene, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2013] |
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| Keywords | B3GALT5; UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5; B3T5; GLCT5; B3GalTx; B3GalT-V; beta3Gal-T5; beta-3-Gx-T5; beta-1,3-GalTase 5; beta-1,3-galactosyltransferase 5; beta-3-galactosyltransferase 5; homolog of <i>C. elegans</i> Bt toxin resistance gene bre-5; UDP-galactose:beta-N-acetylglucosamine beta-1,3-galactosyltransferase 5; |
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GENE INFORMATION

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| Entrez Gene ID | 93961 |
| UniProt ID | Q9J167 |
| Pathway | Glycosphingolipid biosynthesis - globo series;Glycosphingolipid biosynthesis - lacto and neolacto series;Glycosphingolipid biosynthesis, lacto-series, LacCer =>; Lc4Cer;Glycosphingolipid biosynthesis, lacto-series, LacCer =>; |
| Function | galactosyltransferase activity;transferase activity;transferase activity, transferring glycosyl groups; |
