

DATASHEET

B3GALT4 Mouse Monoclonal Antibody(C2544)

CAT. NO. AMA02156

KEY FEATURES

Target	B3GALT4	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2a. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Involved in GM1/GD1B/GA1 ganglioside biosynthesis.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to B3GALT4
Specificity	Recognizes endogenous levels of B3GALT4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human B3GALT4 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 42 kD; Observed: 42 kD
Form/Buffer	Mouse IgG2a. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GALT4; Beta-1,3-galactosyltransferase 4; Beta-1,3-GalTase 4; Beta3Gal-T4; Beta3GalT4; GalT4; b3Gal-T4; Gal-T2; Ganglioside galactosyltransferase; UDP-galactose:beta-N-acetyl-galactosamine-beta-1,3-galactosyltransferase
Gene Symbol	B3GALT4
Entrez Gene	8705(Human)
SwissProt	O96024(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

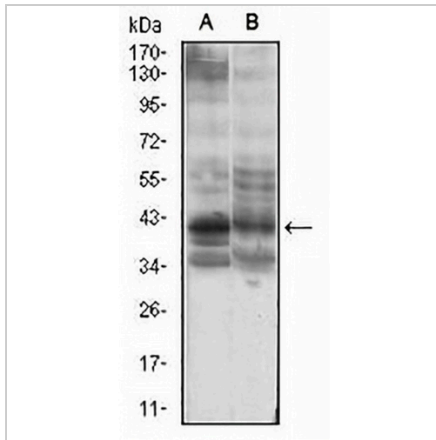
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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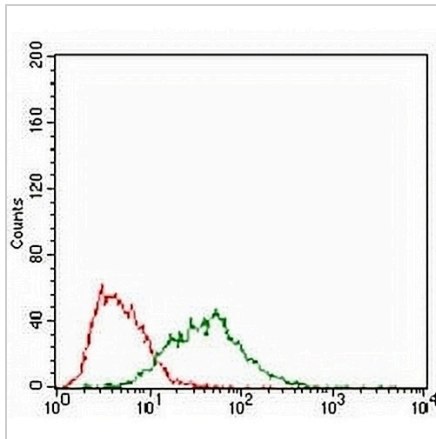
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Western blot analysis of B3GALT4 expression in PANC1 (A), PC3 (B) whole cell lysates. (Predicted band size: 42 kD; Observed band size: 42 kD)



Flow cytometric analysis of PANC1 cells using Anti-B3GALT4 Antibody (green) and negative control (red).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.