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Datasheet for ABIN7427240

## anti-B4GALNT2 antibody (AA 324-566)





#### Overview

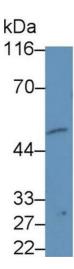
Quantity:	100 μL
Target:	B4GALNT2
Binding Specificity:	AA 324-566
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This B4GALNT2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### **Product Details**

Purpose:	Monoclonal Antibody to Beta-1,4-N-Acetyl Galactosaminyl Transferase 2 (b4GALNT2)
Immunogen:	Recombinant Beta-1,4-N-Acetyl Galactosaminyl Transferase 2 (b4GALNT2) corresdonding to Thr324~Ala566
Clone:	D5
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against b4GALNT2. It has been selected for its ability to recognize b4GALNT2 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

### **Target Details**

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Target:	B4GALNT2
Alternative Name:	Beta-1,4-N-Acetyl Galactosaminyl Transferase 2 (B4GALNT2 Products)
Background:	SD, B4GALGT2, B4GALT, Cad, GALGT2, Sda, Sd(a) beta-1,4-GalNAc transferase, UDP-
	GalNAc:Neu5Aca2-3Galb-R b1,4-N-acetylgalactosaminyltransferase
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### **Western Blotting**

**Image 1.** Detection of b4GALNT2 in Hela cell lysate using Monoclonal Antibody to Beta-1,4-N-Acetyl Galactosaminyl Transferase 2 (b4GALNT2)