

### Anti-B3GAT1 antibody [VC1.1] ab19783

#### 製品の概要

製品名	Anti-B3GAT1 antibody [VC1.1]
製品の詳細	Mouse monoclonal [VC1.1] to B3GAT1
由来種	Mouse
アプリケーション	<b>適用あり:</b> Flow Cyt, WB, IHC-P
種交差性	<b>交差種:</b> Human
免疫原	Cat unfixed cortical homogenate area 17.

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: 0.1% Sodium Azide Constituents: 1.0% BSA, 0.01M PBS, pH 7.2
精製度	IgG fraction
特記事項(精製)	Ion exchange chromatography.
ポリ/モノ	モノクローナル
クローン名	VC1.1
アイソタイプ	IgM

#### アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab19783の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		
WB		
IHC-P		

## 追加情報

Flow Cyt: Use 1 µg for 10<sup>6</sup> cells. IHC-P: Use at an assay dependent dilution. WB: Use at an assay dependent dilution. Predicted molecular weight: 110 kDa. Dilution optimised using Chromogenic detection. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

## ターゲット情報

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### 機能

Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on glycoproteins. Can also play a role in glycosaminoglycan biosynthesis. Substrates include asialo-orosomucoid (ASOR), asialo-fetuin, and asialo-neural cell adhesion molecule. Requires sphingomyelin for activity: stearoyl-sphingomyelin was the most effective, followed by palmitoyl-sphingomyelin and lignoceroyl-sphingomyelin. Activity was demonstrated only for sphingomyelin with a saturated fatty acid and not for that with an unsaturated fatty acid, regardless of the length of the acyl group.

### 組織特異性

Mainly expressed in the brain.

### パスウェイ

Protein modification; protein glycosylation.

### 配列類似性

Belongs to the glycosyltransferase 43 family.

### 細胞内局在

Golgi apparatus membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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