abcam

Product datasheet

Anti-B3GAT1 antibody [SPM129], prediluted ab53653

1 Image

Overview

Product name	Anti-B3GAT1 antibody [SPM129], prediluted
Description	Mouse monoclonal [SPM129] to B3GAT1, prediluted
Host species	Mouse
Tested applications	**Suitable for:** IHC-P
Species reactivity	**Reacts with:** Human
Positive control	Human tonsil.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.6 Preservative: 0.1% Sodium azide Constituents: Tris, 1% BSA
Purity	Affinity purified
Clonality	Monoclonal
Clone number	SPM129
Isotype	IgM
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab53653 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		

Application notes IHC-P: Ready-to-use for 10 min at RT.
No special pretreatment is required for the immunohistochemical staining of formalin/paraffin

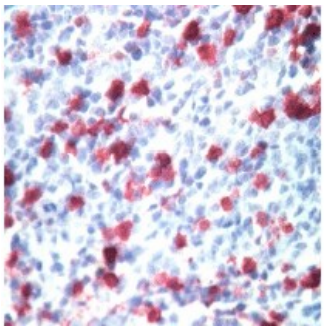
tissues.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

Function	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.
Tissue specificity	Mainly expressed in the brain.
Pathway	Protein modification; protein glycosylation.
Sequence similarities	Belongs to the glycosyltransferase 43 family.
Cellular localization	Golgi apparatus membrane.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD57 antibody [SPM129], prediluted (ab53653)

ab53653 used neat staining CD57 in Human Tonsil by Immunohistochemistry, Formalin-fixed, Paraffin embedded tissue.

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

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