

## Product datasheet

# Anti-CD57 antibody [SPM129], prediluted ab53653

1 Image

### Overview

<b>Product name</b>	Anti-CD57 antibody [SPM129], prediluted
<b>Description</b>	Mouse monoclonal [SPM129] to CD57, prediluted
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Human peripheral blood mononuclear cells
<b>Positive control</b>	Human tonsil.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.1% Sodium Azide
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	SPM129
<b>Isotype</b>	IgM
<b>Light chain type</b>	kappa

### Applications

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

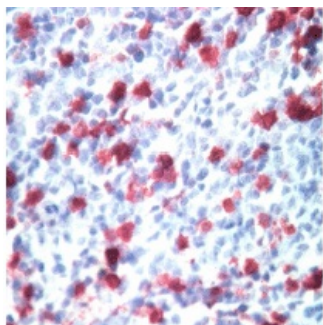
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<b>Function</b>	Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on glycoproteins. Can also play a role in glycosaminoglycan biosynthesis. Substrates include asialo-orosomucoid (ASOR), asialo-fetuin, and asialo-neural cell adhesion molecule. Requires sphingomyelin for activity: stearyl-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.
<b>Tissue specificity</b>	Mainly expressed in the brain.
<b>Pathway</b>	Protein modification; protein glycosylation.
<b>Sequence similarities</b>	Belongs to the glycosyltransferase 43 family.
<b>Cellular localization</b>	Golgi apparatus membrane.

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## Images

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

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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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