

**CD57**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80190**

## Specification

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### CD57 - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">O9P2W7</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	38256

### CD57 - Additional info

Gene ID	27087
Gene Name	B3GAT1 ( <a href="#">HGNC:921</a> )

#### Other Names

Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1, 2.4.1.135, UDP-GlcUA:glycoprotein beta-1, 3-glucuronyltransferase, GlcUAT-P, B3GAT1 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=921](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=921) target="\_blank">HGNC:921</a>), GLCATP

#### Dilution

IHC-P~~Ready-to-use  
IHC~~Ready-to-use

#### Storage

Maintain refrigerated at 2-8°C

#### Precautions

**CD57 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

### CD57 - Protein Information

Name B3GAT1 ([HGNC:921](#))

Synonyms  
Function

**GLCATP**  
Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on glycoproteins. Can also play a role in glycosaminoglycan biosynthesis. Substrates include asialo-orosomuroid (ASOR), asialo-fetuin, and asialo-neural cell adhesion molecule. Requires sphingomyelin for activity: stearoyl- sphingomyelin was the most effective, followed by palmitoyl- sphingomyelin and

Cellular Location

**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.**

**Isoform 1: Golgi apparatus membrane {ECO:0000250|UniProtKB:O35789}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:O35789}. Secreted**

Tissue Location

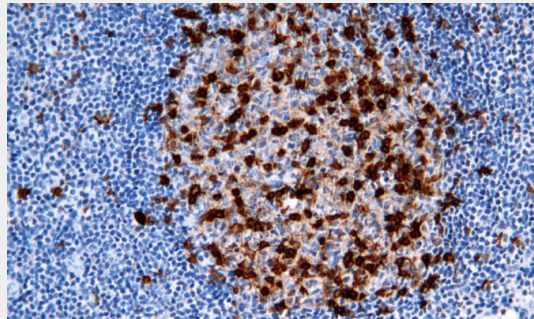
**{ECO:0000250|UniProtKB:O35789} Mainly expressed in the brain.**

### CD57 - Protocols

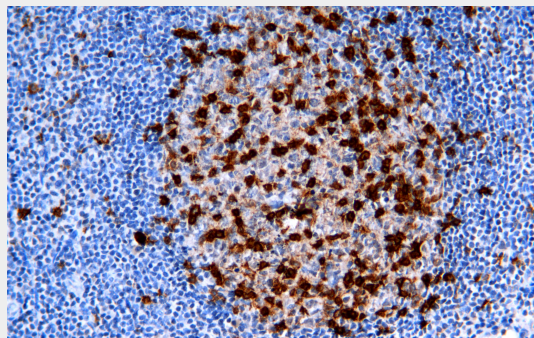
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CD57 - Images



Tonsil



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using AD80190 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH 6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room

temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.