

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

CD57 - Product info

Application	IHC-P, IHC
Primary Accession	Q9P2W7
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	38256

CD57 - Additional info

Gene ID	27087
Gene Name	B3GAT1 (HGNC:921)

Other Names

Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1, 2.4.1.135, UDP-GlcUA:glycoprotein beta-1, 3-glucuronyltransferase, GlcUAT-P, B3GAT1 (HGNC:921), GLCATP

Dilution

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

Storage**Precautions**

This product is stored at 2-84 °C, please use it within the expiration date.
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-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

Cellular Location

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

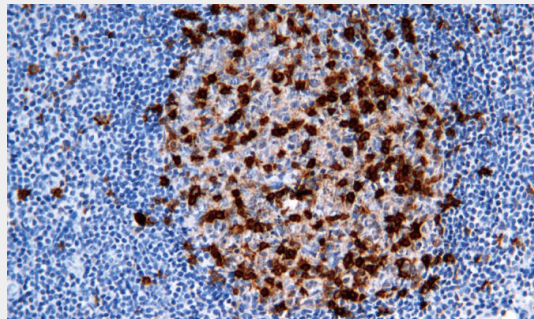
{ECO:0000250|UniProtKB:O35789}

Mainly expressed in the brain.

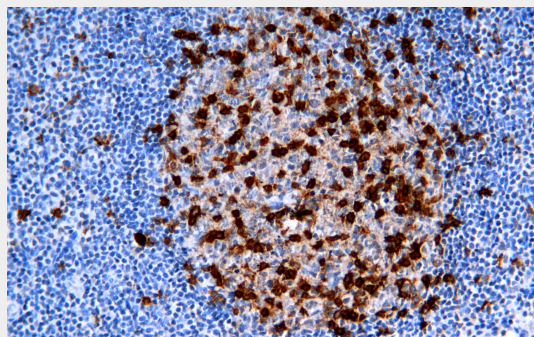
Tissue Location**CD57 - Protocols**

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 (pH6. 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.