

CD57

Mouse Monoclonal antibody(Mab) Catalog # AD80190

Specification

CD57 - Product info

Application Primary Accession Reactivity Host Clonality Calculated MW IHC-P <u>09P2W7</u> Human Mouse Monoclonal 38256

CD57 - Additional info

Gene ID27087Gene NameB3GAT1 (HGNC:921)Other NamesGalactosylgalactosylxylosylprotein 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

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 asialoorosomucoid (ASOR), asialo-fetuin, and asialo-neural cell adhesion molecule. Requires sphingomyelin for activity: stearoyl- sphingomyelin was the most effective, followed by palmitoylsphingomyelin 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.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>
- 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. AmpSeeTM Detection Systems[]Abcepta:AR005[] was used as the secondary



antibody.