

CD57

Mouse Monoclonal antibody(Mab)

Catalog # AD80190

Product Information

Application	IHC-P
Primary Accession	Q9P2W7
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	334E2F5
Calculated MW	38256

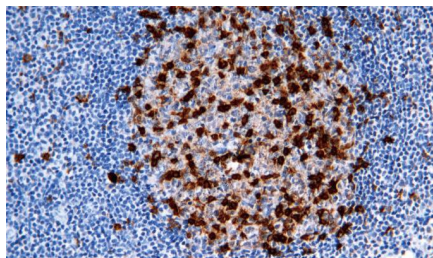
Additional Information

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
Storage	Maintain refrigerated at 2-8°C.
Precautions	CD57 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	B3GAT1 (HGNC:921)
Synonyms	GLCATP
Function	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: 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.
Cellular Location	[Isoform 1]: Golgi apparatus membrane {ECO:0000250 UniProtKB:O35789}; Single-pass type II membrane protein {ECO:0000250 UniProtKB:O35789}. Secreted {ECO:0000250 UniProtKB:O35789}
Tissue Location	Mainly expressed in the brain.

Images



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human tonsil tissue was performed with CD57 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.