

## CD57

Mouse Monoclonal antibody(Mab) Catalog # AD80190

## **Product Information**

IHC-P
<u>Q9P2W7</u>
Human
Mouse
Monoclonal
334E2F5
38256

## **Additional Information**

Gene ID Gene Name Other Names	27087 B3GAT1 ( <u>HGNC:921</u> ) Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1, 2.4.1.135, UDP-GlcUA:glycoprotein beta-1, 3-glucuronyltransferase, GlcUAT-P, B3GAT1 ( <u>HGNC:921</u> ), 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 ( <u>HGNC:921</u> )
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: stearoyl-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	



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