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Anti-CD57-AcalephFluor488-labled

Catalog # AP101148

Product Information

Application	FC, IF/IC
Primary Accession	Q9P2W7
Reactivity	Human
Clonality	Monoclonal
Calculated MW	38256

Additional Information

Gene ID	27087
Other Names	GLCATP; Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1; Beta-1.3-glucuronyltransferase 1; Glucuronosyltransferase P; GlcAT-P; UDP-GlcUA:glycoprotein beta-1.3-glucuronyltransferase; GlcUAT-P
Target/Specificity	Recognizes human CD57
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Mouse IgM. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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-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.

Background

AcalephFluor488-labled mouse monoclonal antibody to CD57

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