

Datasheet for ABIN6988417
anti-CD57 antibody (AA 21-120) (PE)



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Overview

Quantity:	100 µL
Target:	CD57 (B3GAT1)
Binding Specificity:	AA 21-120
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD57 antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human B3GAT1/CD57
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Chicken
Purification:	Purified by Protein A.

Target Details

Target:	CD57 (B3GAT1)
Alternative Name:	B3GAT1/CD57 (B3GAT1 Products)
Background:	Synonyms: NK1, CD57, HNK1, LEU7, NK-1, GLCATP, GLCUATP,

Target Details

Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1, Beta-1,3-glucuronyltransferase 1, Glucuronosyltransferase P, GlcAT-P, UDP-GlcUA:glycoprotein beta-1,3-glucuronyltransferase, GlcUAT-P, B3GAT1

Background: 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 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 (By similarity).

Gene ID:	27087
UniProt:	Q9P2W7
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months