

DATASHEET

CD57 Mouse Monoclonal Antibody(HNK-1)

CAT. NO. AMA03805

KEY FEATURES

Target	CD57	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgM. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

PRODUCT OVERVIEW

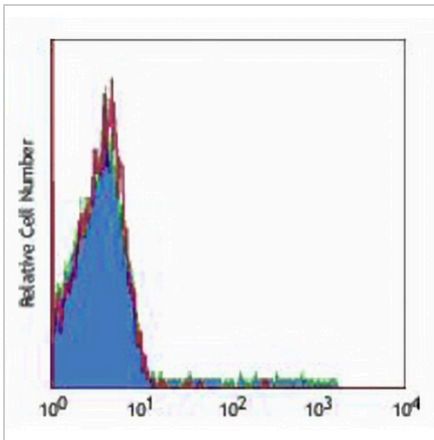
Description	Mouse monoclonal antibody to CD57
Specificity	Recognizes human CD57
Antibody Type	Primary antibody
Immunogen	Native purified human CD57.
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Mouse IgM. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	GLCATP; Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1; Beta-1.3-glucuronosyltransferase 1; Glucuronosyltransferase P; GlcAT-P; UDP-GlcUA:glycoprotein beta-1.3-glucuronosyltransferase; GlcUAT-P
Gene Symbol	B3GAT1
Entrez Gene	27087(Human)
SwissProt	Q9P2W7(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Flow cytometric analysis of human peripheral blood lymphocytes using Anti-CD57 Antibody, followed by anti-mouse IgG PE.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.