

Datasheet for ABIN2763751 **anti-CD57 antibody**



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Overview

Quantity:	200 µg
Target:	CD57 (B3GAT1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD57 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Hybridoma produced from mice immunized with human peripheral blood mononuclear cells.
Clone:	NK-1
Isotype:	IgM
Cross-Reactivity:	Human
Characteristics:	HNK1, GLCATP, NK-1, HNK-1, LEU7, NK1, 151290, B3GAT1, Q9P2W7, GlcUAT-P, CD57, GlcUATP, GlcAT-P, 27087, NK 1, HNK 1, GlcAT P, GlcUAT P, 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

Product Details

unsaturated fatty acid, regardless of the length of the acyl group (By similarity).

Purification: Protein A/G Chromatography

Target Details

Target: CD57 (B3GAT1)

Alternative Name: CD57 ([B3GAT1 Products](#))

UniProt: [Q9P2W7](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Antibody can be used for Western blotting (1-10 µg/mL), Immunoprecipitation (1-2 µg per 100-500 µg of total protein), Immunofluorescence (2-20 µg/mL), Immunohistochemistry (2-20 µg/mL). Optimal concentration should be evaluated by serial dilutions.

Restrictions: For Research Use only

Handling

Buffer: Provided as solution in phosphate buffered saline with 0.08 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles