

Datasheet for ABIN5542603
anti-CD57 antibody (AA 193-334)

5 Images

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Overview

Quantity:	0.1 mg
Target:	CD57 (B3GAT1)
Binding Specificity:	AA 193-334
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD57 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human B3GAT1 (AA: 193-334) expressed in E. coli.
Clone:	3B8B10
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD57 (B3GAT1)
Alternative Name:	B3GAT1 (B3GAT1 Products)
Background:	Description: The protein encoded by this gene is a member of the glucuronyltransferase gene

Target Details

family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during the biosynthesis of the carbohydrate epitope HNK-1 (human natural killer-1, also known as CD57 and LEU7). Alternate transcriptional splice variants have been characterized.,

Aliases: NK1, CD57, HNK1, LEU7, NK-1, GLCATP, GLCUATP

Molecular Weight:	38.2 kDa
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Gene ID:	27087
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HGNC:	27087
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Pathways:	Glycosaminoglycan Metabolic Process
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: , FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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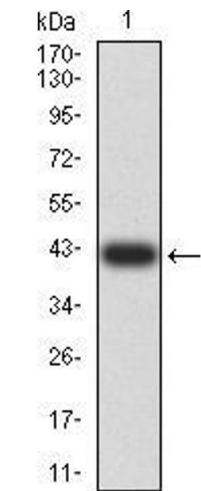
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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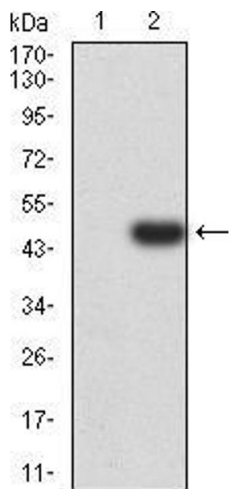
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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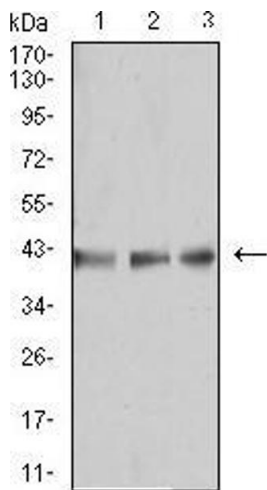
Western Blotting

Image 1. Western blot analysis using B3GAT1 mAb against human B3GAT1 (AA: 193-334) recombinant protein. (Expected MW is 41.5 kDa)



Western Blotting

Image 2. Western blot analysis using B3GAT1 mAb against HEK293 (1) and B3GAT1 (AA: 193-334)-hlgGFc transfected HEK293 (2) cell lysate.



Western Blotting

Image 3. Western blot analysis using B3GAT1 mouse mAb against MOLT4 (1), Raji (2), and Ramos (3) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542603.