

Datasheet for ABIN7193207  
**anti-CD57 antibody (AA 35-191)**

## 5 Images

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## Overview

Quantity:	0.1 mg
Target:	CD57 (B3GAT1)
Binding Specificity:	AA 35-191
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

## Product Details

Immunogen:	Purified recombinant fragment of human CD57 (AA: 35-191) expressed in E. coli.
Clone:	3F6D6
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	CD57 (B3GAT1)
Alternative Name:	CD57 ( <a href="#">B3GAT1 Products</a> )
Background:	Description: The protein encoded by this gene is a member of the glucuronyltransferase gene 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

## Target Details

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: B3GAT1, NK1, HNK1, LEU7, NK-1, GLCATP, GLCUATP

Molecular Weight: 38.3 kDa

Gene ID: 27087

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A

Restrictions: For Research Use only

## Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

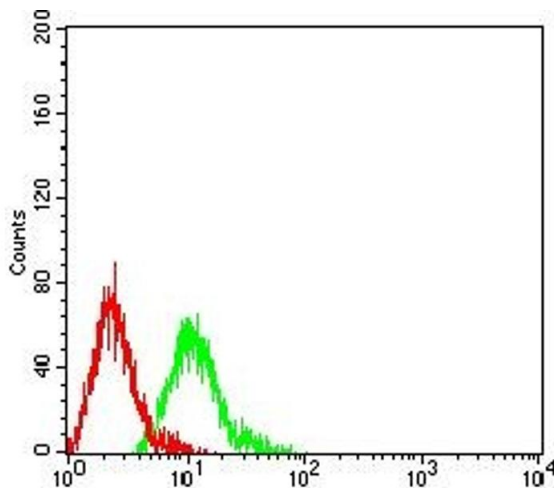
Preservative: Sodium azide

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

Storage: 4 °C/-20 °C

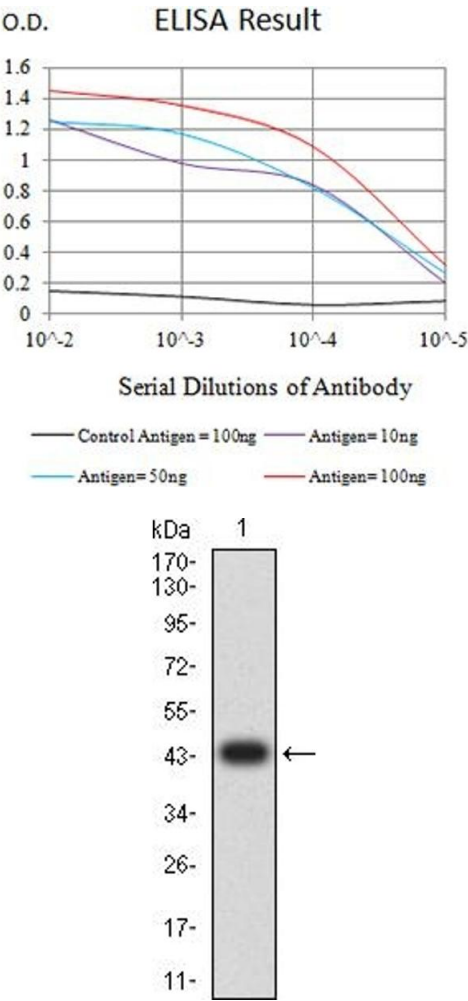
Storage Comment: 4°C, -20°C for long term storage

## Images



### Flow Cytometry

**Image 1.** Flow cytometric analysis of HL-60 cells using CD57 mouse mAb (green) and negative control (red).



**ELISA**

**Image 2.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

**Western Blotting**

**Image 3.** Western blot analysis using CD57 mAb against human CD57 (AA: 35-191) recombinant protein. (Expected MW is 44 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193207.