

Datasheet for ABIN653880  
**anti-CD57 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	CD57 (B3GAT1)
Binding Specificity:	AA 21-48, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD57 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB)

## Product Details

Immunogen:	This B3GAT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21-48 amino acids from the N-terminal region of human B3GAT1.
Clone:	RB25712
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

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

## Target Details

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).

Molecular Weight: 38256

Gene ID: 27087

NCBI Accession: [NP\\_061114](#), [NP\\_473366](#)

UniProt: [Q9P2W7](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

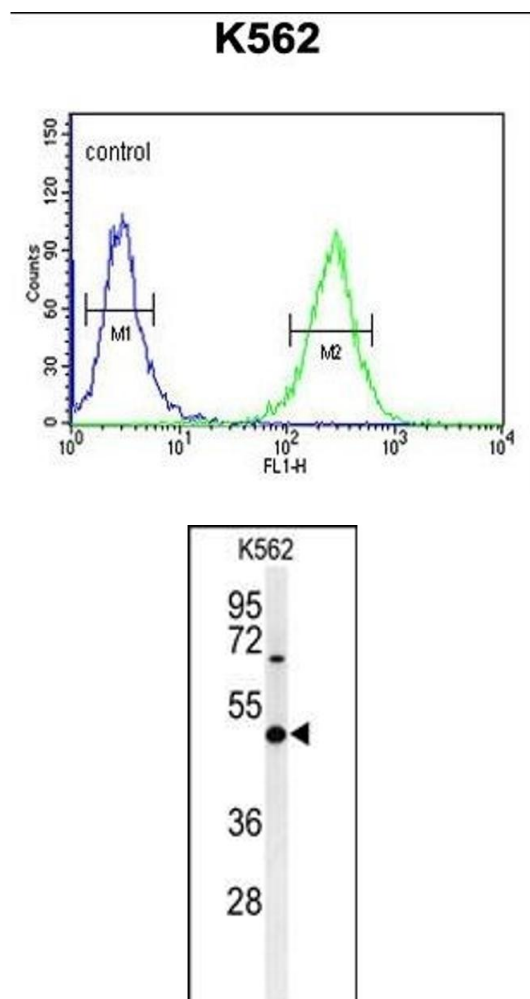
Preservative: Sodium azide

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: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



### Flow Cytometry

**Image 1.** B3GAT1 Antibody (N-term) (ABIN653880 and ABIN2843128) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of B3GAT1 Antibody (N-term) (ABIN653880 and ABIN2843128) in K562 cell line lysates (35  $\mu$ g/lane). B3GAT1 (arrow) was detected using the purified Pab.