

Datasheet for ABIN951358
anti-CD57 antibody (N-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	CD57 (B3GAT1)
Binding Specificity:	AA 27-57, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD57 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 27~57 amino acids from the N-terminal region of human B3GAT1
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	CD57 (B3GAT1)
Alternative Name:	CD57 / HNK1 (B3GAT1 Products)
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).Synonyms: HNK-1, LEU7, NK-1, NK-Cell marker, NK1

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) sodium azide as preservative

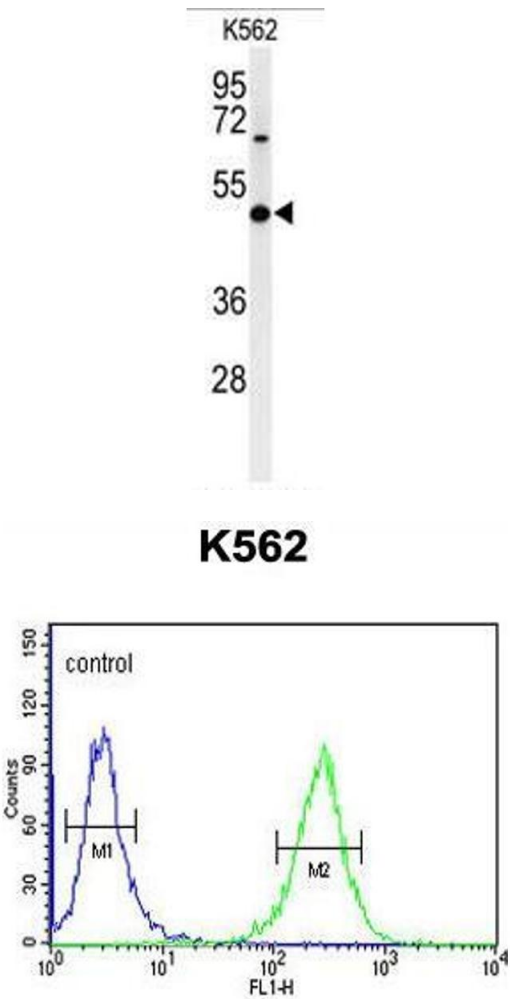
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of B3GAT1 Antibody (N-term) in K562 cell line lysates (35µg/lane). B3GAT1 (arrow) was detected using the purified Pab.

Flow Cytometry

Image 2. B3GAT1 Antibody (N-term) 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.