

Datasheet for ABIN1539894
anti-CD57 antibody (AA 132-160)



[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	CD57 (B3GAT1)
Binding Specificity:	AA 132-160
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD57 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This B3GAT1 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 132-160 amino acids from human B3GAT1.
Clone:	461CT17-4-1
Isotype:	IgM
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

Target Details

Target:	CD57 (B3GAT1)
Alternative Name:	B3GAT1 (B3GAT1 Products)

Target Details

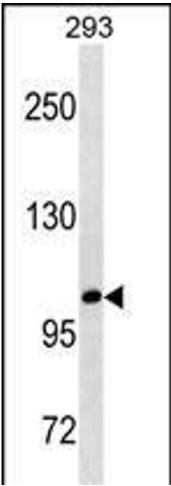
Background:	The protein encoded by this gene is a member of the glucuronyltransferase gene family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during 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.
Molecular Weight:	38256
Gene ID:	27087
NCBI Accession:	NP_061114 , NP_473366
UniProt:	Q9P2W7
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB: 1:100~250
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal 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:	B3GAT1 Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. B3GAT1 Antibody (ABIN1539894 and ABIN2843852) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the B3GAT1 antibody detected the B3GAT1 protein (arrow).