

Datasheet for ABIN7193678
anti-CD57 antibody (AA 28-334)

5 Images

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Overview

Quantity:	0.1 mg
Target:	CD57 (B3GAT1)
Binding Specificity:	AA 28-334
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD57 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human CD57 (AA: 28-334) expressed in E. coli.
Clone:	1A4F10
Isotype:	IgG2b
Purification:	purified

Target Details

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

Target Details

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. [provided by RefSeq, Jul 2008]

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

Molecular Weight: 38.2 kDa

Gene ID: 27087

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: WB:1:500 - 1:2000, IHC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

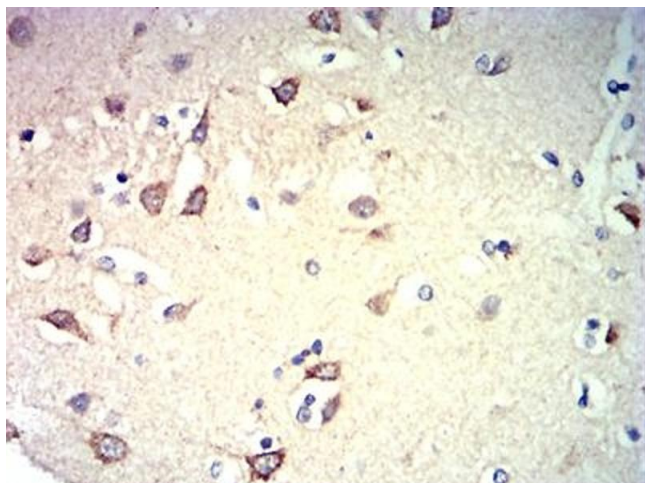
Preservative: Sodium azide

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

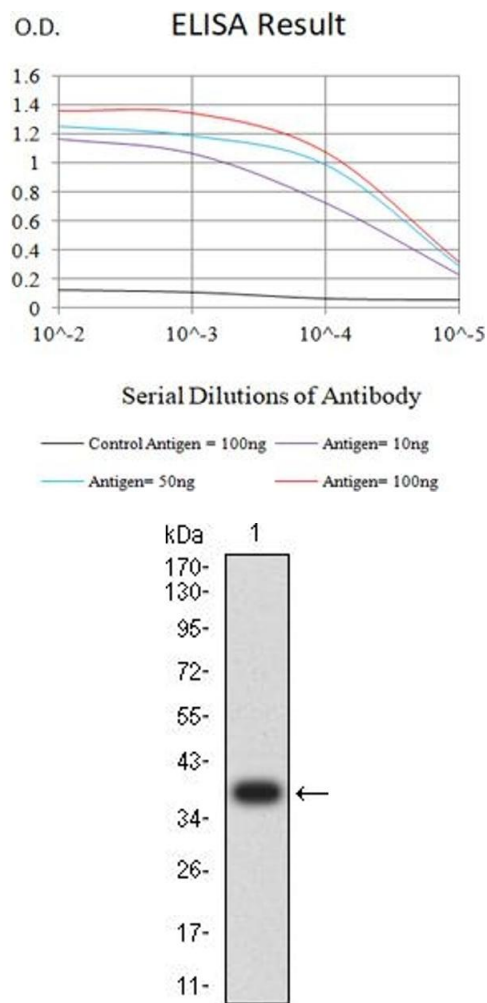
Storage Comment: 4°C, -20°C for long term storage

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded brain tissues using CD57 mouse mAb with DAB staining.



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: 28-334) recombinant protein. (Expected MW is 37.9 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193678.