Datasheet for ABIN7013962

anti-EVI2B antibody (Biotin)

2 Images

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Overview

Quantity:	0.1 mg
Target:	EVI2B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EVI2B antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	Raji cells
Clone:	MEM-216
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody MEM-216 recognizes an extracellular epitope of CD361 / EVI2B, almost uncharacterized type I transmembrane protein with broad leukocyte expression, mostly in myeloid and B cells.
Purification:	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.

Target Details

Target:	EVI2B
Alternative Name:	CD361 (EVI2B Products)

Target Details

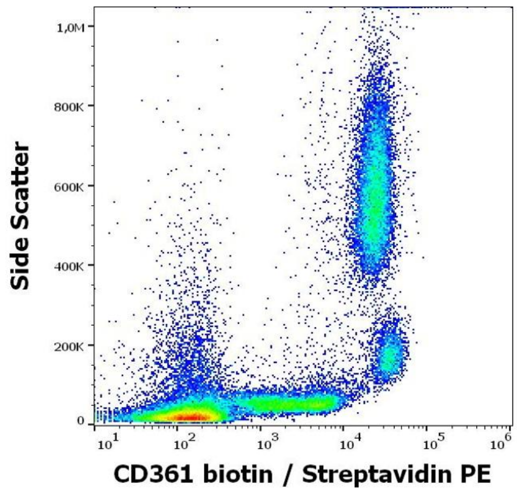
Background:	Ecotropic viral integration site 2B,CD361, also known as EVI2B (ecotropic viral integration site 2B) or EVDB, is a poorly characterized type I transmembrane protein, expressed from one of three genes embedded in intron 27b of the neurofibromatosis type 1 (NF1) gene. The DNA strand that is transcribed to produce CD361 is the complementary one to the strand encoding NF1. Murine homolog to human CD361 is associated with ecotropic viral insertions, which have been implicated in the expression of murine myeloid leukemias. CD361 has been also reported to be involved in melanocyte and keratinocyte differentiation. However, it is expressed mainly in peripheral blood and bone marrow.,EVI2B, EVDB
Gene ID:	2124
UniProt:	P34910

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL
Restrictions:	For Research Use only

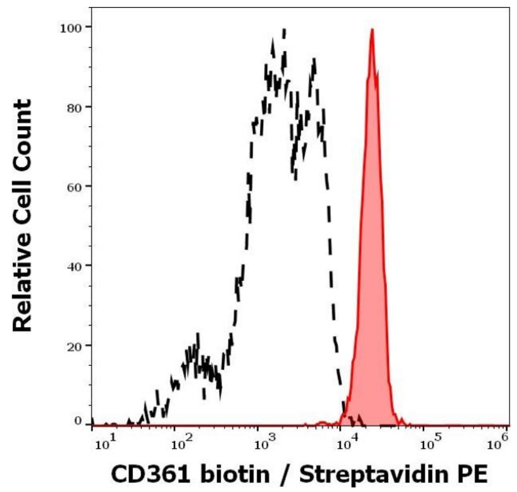
Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM 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
Storage Comment:	Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD361 (MEM-216) Biotin antibody (concentration in sample 6 μ g/mL, Streptavidin PE).



Flow Cytometry

Image 2. Separation of human neutrophil granulocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD361 (MEM-216) Biotin antibody (concentration in sample 6 μg/mL, Streptavidin PE).

