

ARG53836 anti-CD361 / EVI2B antibody [MEM-216] (PE)

Package: 100 tests
Store at: 4°C

Summary

Product Description	PE-conjugated Mouse Monoclonal antibody [MEM-216] recognizes CD361
Tested Reactivity	Hu
Tested Application	FACS
Specificity	The clone MEM-216 recognizes CD361 / EVI2B, almost uncharacterized type I transmembrane protein with broad leukocyte expression, mostly in myeloid and B cells. HLDA IX.; WS Code 263
Host	Mouse
Clonality	Monoclonal
Clone	MEM-216
Isotype	IgG1
Target Name	CD361 / EVI2B
Species	Human
Immunogen	Raji cells_x000D_
Conjugation	PE
Alternate Names	CD361; EVDB; EVI-2B; CD antigen CD361; Protein EVI2B; Ecotropic viral integration site 2B protein homolog; D17S376

Application Instructions

Application table	Application	Dilution
	FACS	20 µl / 10 ⁶ cells

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification Note	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Buffer	PBS, 15 mM Sodium azide and 0.2% (w/v) high-grade protease free BSA
Preservative	15 mM Sodium azide
Stabilizer	0.2% (w/v) high-grade protease free BSA
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 2124 Human](#)

[Swiss-port # P34910 Human](#)

Gene Symbol

EVI2B

Gene Full Name

ecotropic viral integration site 2B

Background

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.

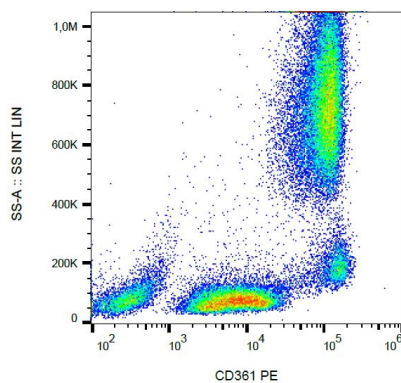
Research Area

Cell Biology and Cellular Response antibody

Calculated Mw

49 kDa

Images



ARG53836 anti-CD361 / EVI2B antibody [MEM-216] (PE) FACS image

Flow Cytometry: Human peripheral blood stained with ARG53836 anti-CD361 / EVI2B antibody [MEM-216] (PE).