

ARG62827 anti-CD361 / EVI2B antibody [MEM-216]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [MEM-216] recognizes CD361
Tested Reactivity	Hu
Tested Application	FACS, IP
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	Un-conjugated
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	1 - 4 µg/ml
	IP	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	FACS: Positive control: Raji, Daudi, HL-60 and peripheral blood lymphocytes (strongly positive on CD19+ cells). Negative control: Jurkat and U-937	

Properties

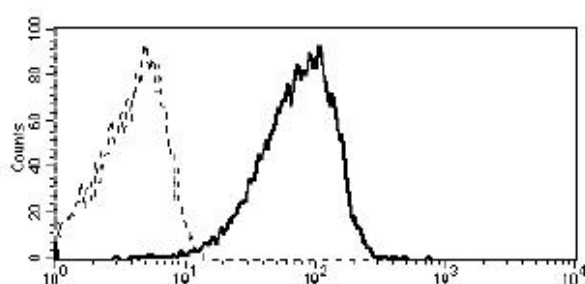
Form	Liquid
Purification	Purified from ascites by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide

Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. 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



ARG62827 anti-CD361 / EVI2B antibody [MEM-216] FACS image

Flow Cytometry: CD19+ peripheral blood leukocytes stained with ARG62827 anti-CD361 / EVI2B antibody [MEM-216].