

## Product datasheet for **AM12138PU-N**

### **EVI2B Mouse Monoclonal Antibody [Clone ID: MEM-216]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	MEM-216
<b>Applications:</b>	FC, IP
<b>Recommended Dilution:</b>	Flow cytometry. Positive control: Raji, Daudi, HL-60 cells, peripheral blood lymphocytes (strongly positive on CD19+ cells) Negative control: Jurkat, U-937 cells. Immunoprecipitation.
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Raji cells
<b>Specificity:</b>	This antibody detects CD361.
<b>Formulation:</b>	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4 State: Aff - Purified State: Liquid Ig fraction
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein A affinity chromatography
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	ecotropic viral integration site 2B
<b>Database Link:</b>	<a href="#">Entrez Gene 2124 Human P34910</a>



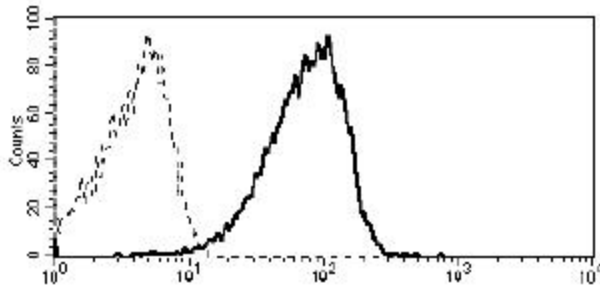
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**Background:**

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.

**Synonyms:**

EVDB

**Product images:**

Flow cytometry analysis of CD19+ peripheral blood leukocytes using anti-CD361 antibody (MEM-216).