

## Product datasheet for **AM12138RP-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
<b>Recommended Dilution:</b>	Flow Cytometry: 20 µl reagent / 100 µl of whole blood or 10e6 cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.
<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 recognizes CD361 / EVI2B, almost uncharacterized type I transmembrane protein with broad leukocyte expression, mostly in myeloid and B cells.
<b>Formulation:</b>	PBS containing 15 mM sodium azide and 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent. Label: PE State: Liquid purified Ig fraction Label: R-Phycoerythrin
<b>Purification:</b>	Size-exclusion chromatography
<b>Conjugation:</b>	PE
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
<b>Stability:</b>	Shelf life: 6 month from despatch.
<b>Gene Name:</b>	ecotropic viral integration site 2B
<b>Database Link:</b>	<a href="#">Entrez Gene 2124 Human P34910</a>



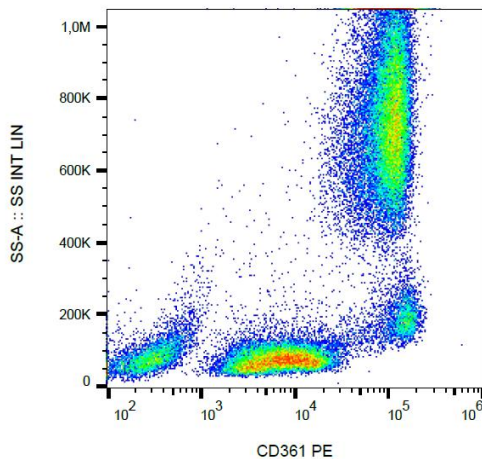
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**Background:**

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:**

Surface staining of human peripheral blood using anti-CD361 antibody (MEM-216) PE.