

## EVI1 / AML1 Antibody (internal region)

Peptide-affinity purified goat antibody Catalog # AF3152a

# **Specification**

## EVI1 / AML1 Antibody (internal region) - Product Information

Application WB

Primary Accession Q03112

Other Accession <u>NP\_001098547.3</u>, <u>NP\_005232.2</u>, <u>NP\_004982.2</u>,

NP 001157471.1, NP 001157472.1, 2122,

14013 (mouse)

Reactivity
Host
Clonality
Polyclonal
Concentration
Isotype
Calculated MW
Human
Goat
Contact
Goat
Polyclonal
0.5 mg/ml
IgG
138136

### EVI1 / AML1 Antibody (internal region) - Additional Information

## **Gene ID 2122**

#### **Other Names**

MDS1 and EVI1 complex locus protein EVI1, Ecotropic virus integration site 1 protein homolog, EVI-1, MECOM, EVI1

#### Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

### **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

EVI1 / AML1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

### EVI1 / AML1 Antibody (internal region) - Protein Information

### Name MECOM (HGNC:3498)

#### **Function**

[Isoform 1]: Functions as a transcriptional regulator binding to DNA sequences in the promoter region of target genes and regulating positively or negatively their expression. Oncogene which plays a role in development, cell proliferation and differentiation. May also play a role in apoptosis through regulation of the JNK and TGF-beta signaling. Involved in hematopoiesis.



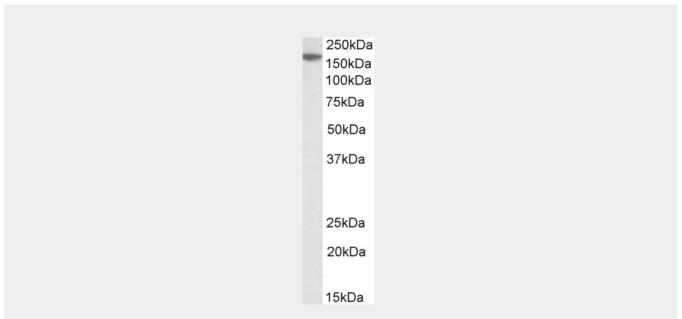
**Cellular Location** Nucleus. Nucleus speckle. Cytoplasm

## EVI1 / AML1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## EVI1 / AML1 Antibody (internal region) - Images



AF3152a (2  $\mu$ g/ml) staining of A549 lysate (35  $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### EVI1 / AML1 Antibody (internal region) - Background

This antibody is expected to recognize all reported isoforms (NP\_001098547.3; NP\_005232.2; NP\_004982.2; NP\_001157471.1; NP\_001157472.1). Reported variants represent identical protein: NP\_001098548.2, NP\_005232.2

# EVI1 / AML1 Antibody (internal region) - References

Inducible expression of EVI1 in human myeloid cells causes phenotypes consistent with its role in myelodysplastic syndromes. Konrad TA, Karger A, Hackl H, Schwarzinger I, Herbacek I, Wieser R, Journal of leukocyte biology 2009 Oct 86 (4): 813-22. PMID: 19605700