ARG65147
anti-EVI1 / AML1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes EVI1 / AML1
Tested Reactivity	Hu
Tested Application	WB
Specificity	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
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	EVI1 / AML1
Species	Human
Immunogen	C-DKESLHSTSH
Conjugation	Un-conjugated
Alternate Names	MDS1 and EVI1 complex locus protein EVI1; AML1-EVI-1; Ecotropic virus integration site 1 protein homolog; EVI1; MDS1-EVI1; PRDM3; MDS1; EVI-1

Application Instructions

Application table

Application	Dilution
WB	1 - 3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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: 2122 Human Swiss-port # Q03112 Human
Background	The protein encoded by this gene is a transcriptional regulator and oncoprotein that may be involved in hematopoiesis, apoptosis, development, and cell differentiation and proliferation. The encoded protein can interact with CTBP1, SMAD3, CREBBP, KAT2B, MAPK8, and MAPK9. This gene can undergo translocation with the AML1 gene, resulting in overexpression of this gene and the onset of leukemia. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]
Research Area	Gene Regulation antibody
Calculated Mw	138 kDa
PTM	Phosphorylated. May be acetylated by CREBBP and KAT2B.

Images

ARG65147 anti-EVI1 / AML1 antibody WB image

Western Blot: A549 lysate (35 µg protein in RIPA buffer) stained with ARG65147 anti-EVI1 antibody at 2 µg/ml dilution.