

Rabbit anti-Human EVI1/MECOM Polyclonal Antibody | anti-MECOM antibody

Anti-EVI1/MECOM Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254411	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

EVI1/MECOM; Polyclonal Antibody; Anti-EVI1/MECOM Antibody; Rabbit Polyclonal; MECOM Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-AML1-EVI-1 Antibody; Anti-EVI1 Antibody; Anti-hCG_1640438 Antibody; Anti-MDS1 Antibody; Anti-MDS1-EVI1 Antibody; Anti-PRDM3 Antibody; anti-MECOM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human EVI1/MECOM
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MECOM antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human MECOM
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human MECOM, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of MECOM in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human MECOM polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to nucleus.



WB (Western Blot)

Anti-MECOM rabbit polyclonal antibody at 1:500 dilution Lane A: A549 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 118 kDa Observed band size: 170 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-MECOM antibody	MECOM gene, also known as EVI, encodes a transcriptional regulator involved in hematopoiesis, apoptosis, development and proliferation. In blood system, MECOM is considered an oncogene, but in solid tumors it has both oncogenic and tumor suppressor activities. The MECOM gene encoding a zinc finger protein that functions as a transcription factor, was located on chromosome 3q26, and rearrangements of MECOM often cause its overexpression in acute myeloid leukemia (AML). MECOM encodes a transcription factor that plays an essential role in cell proliferation and maintenance and also in epigenetic regulation.MECOM oncogene expression correlates with chronic myeloid leukaemia (CML) progression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	255683386
NCBI GeneID	2122
NCBI Accession #	NP_004982.2
NCBI GenBank Nucleotide #	NM_004991.3
UniProt Accession #	Q13465; Q13466; Q6FH90; Q03112
Molecular Weight	18,696 Da
NCBI Official Full Name	MDS1 and EVI1 complex locus protein EVI1 isoform c
NCBI Official Synonym Full Names	MDS1 and EVI1 complex locus
NCBI Official Symbol	MECOM
NCBI Official Synonym Symbols	EVI1; MDS1; PRDM3; MDS1-EVI1; AML1-EVI-1
NCBI Protein Information	MDS1 and EVI1 complex locus protein EVI1; oncogene EVI1; zinc finger protein Evi1; AML1-EVI-1 fusion protein; MDS1 and EVI1 complex locus protein MDS1; myelodysplasia syndrome-associated protein 1; ecotropic virus integration site 1 protein homolog
UniProt Protein Name	MDS1 and EVI1 complex locus protein MDS1
UniProt Gene Name	MECOM
UniProt Synonym Gene Names	MDS1
UniProt Entry Name	MDS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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