



Human MECOM blocking peptide (CDBP1167)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-EVI1/ AML1 antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MECOM MDS1 and EVI1 complex locus [Homo sapiens (human)]
Official Symbol	MECOM
Synonyms	MECOM; MDS1 and EVI1 complex locus; EVI1; MDS1; PRDM3; MDS1-EVI1; AML1-EVI-1; 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;

Entrez Gene ID	2122
mRNA Refseq	NM_001105077.3
Protein Refseq	NP_001098547.3
UniProt ID	Q03112
Chromosome Location	3q26.2
Pathway	Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Pathways in cancer, organism-specific biosystem;
Function	DNA binding; metal ion binding; protein binding; protein homodimerization activity; NOT protein homodimerization activity; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity;