Datasheet for ABIN3031740

anti-MECOM antibody (AA 81-109)

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Overview

Quantity:	0.4 mL
Target:	MECOM
Binding Specificity:	AA 81-109
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MECOM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 81-109 from the human protein was used as the immunogen for this MDS1 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	MECOM
Alternative Name:	MDS1 (MECOM Products)
Background:	MDS1 is located at 3q26 170-400 kb upstream (telomeric) of EVI1 in the chromosomal region in which some of the breakpoints 5' of EVI1 have been mapped. MDS1 has been identified as a single gene as well as a previously unreported exon (s) of EVI1. MDS1 exists in normal tissues

Target Details

	both as a unique transcript and as a normal fusion transcript with EVI1, with an additional 188 codons at the 5' end of the previously reported EVI1 open reading frame. In cells with translocation t (3,21), additional fusion transcripts are AML1-MDS1 and AML1-MDS1-EVI1. EVI1 and MDS1 are involved in leukemia associated with chromosomal translocation breakpoints in the region between these genes.
UniProt:	Q13465

Application Details

Application Notes:	Titration of the MDS1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the MDS1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Western Blotting

Image 1. MDS1 antibody western blot analysis in mouse NIH3T3 lysate.

Western Blotting

Image 2. MDS1 antibody western blot analysis in mouse NIH3T3 lysate.

