

Datasheet for ABIN2780631
anti-MECOM antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	MECOM
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MECOM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MDS1
Sequence:	MRSKGRARKL ATNNECVYGN YPEIPLEEMP DADGVASTPS LNIQEPCSPA
Predicted Reactivity:	Human: 100%, Mouse: 93%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against MDS1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	MECOM
Alternative Name:	MDS1 (MECOM Products)

Target Details

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 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. Alias Symbols: PRDM3, MDS1-EVI1 Protein Size: 169
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Molecular Weight:	19 kDa
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Gene ID:	4197
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NCBI Accession:	NM_004991 , NP_004982
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UniProt:	Q13465
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 169 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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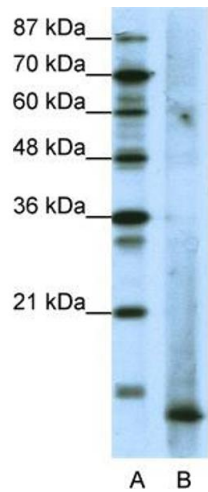
Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MDS1 Antibody Titration:
1.25ug/ml ELISA Titer: 1:312500 Positive Control: Raji cell lysate