

Datasheet for ABIN953364

anti-MECOM antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	MECOM
Binding Specificity:	AA 80-109, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MECOM antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 80-109 amino acids from the Central region of human MDS1 Genename: MECOM
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse MDS1 (Center).
Purification:	Protein A column, followed by peptide affinity purification

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

Target Details

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. Synonyms: Myelodysplasia syndrome 1, Myelodysplasia syndrome-associated protein 1

Molecular Weight: 18696 Da

Gene ID: 2122

NCBI Accession: [NP_004982](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

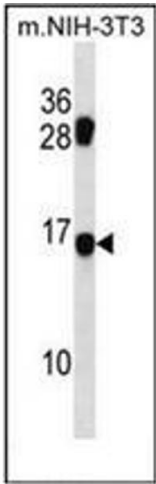
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of MDS1 Antibody (Center) in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the MDS1 antibody detected the MDS1 protein (arrow).