

Datasheet for ABIN356376
anti-MECOM antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	MECOM
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MECOM antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody was raised using purified recombinant GST fusion protein encoding the N-terminal part of human PRDM3.
Clone:	47AT612-84-88
Isotype:	IgG1
Specificity:	This antibody is specific to PRDM3.
Characteristics:	Synonyms: Myelodysplasia syndrome 1, Myelodysplasia syndrome-associated protein 1
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	MECOM
Alternative Name:	MDS1 (MECOM Products)
Background:	Similar to acetylation and phosphorylation, histone methylation at the N-terminal tail has emerged as an important role in regulating chromatin dynamics and gene activity. Histone methylation occurs on arginine and lysine residues and is catalyzed by two families of proteins, the protein arginine methyltransferase family and the SET-domain-containing methyltransferase family. Five members have been identified in the arginine methyltransferase family. About 27 are grouped into the SET-domain family, and another 17 make up the PR domain family that is related to the SET domain family. MDS1, first identified as part of a fusion transcript resulting from the t(3,21)(q26,q22), encodes a small protein of unknown function. EVI1 encodes a zinc finger protein inappropriately overexpressed by chromosomal rearrangements. EVI1 and MDS1 are unusual in that they can either encode separate proteins, or they can be expressed as a fusion protein MDS1/EVI1. EVI1 and MDS1/EVI1 have opposite functions as transcription factors. Synonyms: Myelodysplasia syndrome 1, Myelodysplasia syndrome-associated protein 1
Gene ID:	2122
UniProt:	Q13465

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

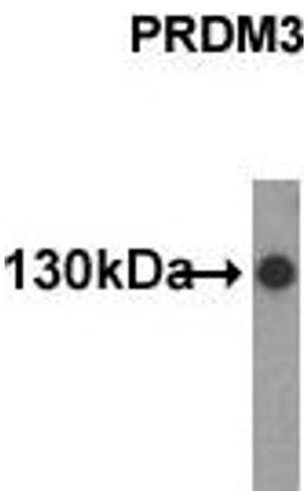
Handling

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

Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months

Images



Western Blotting

Image 1.