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Datasheet for ABIN571139

anti-MECOM antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	MECOM
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MECOM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	EV11 / AML1
Immunogen:	Peptide with sequence C-DKESLHSTSH, from the internal region of the protein sequence according to NP_001098547.3, NP_005232.2, NP_004982.2, NP_001157471.1, NP_001157472.1.
Sequence:	DKESLHSTSH
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_001098547.3, NP_005232.2, NP_004982.2, NP_001157471.1, NP_001157472.1). Reported variants represent identical protein: NP_001098548.2, NP_005232.2
Predicted Reactivity:	Human

Product Details

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: MECOM

Alternative Name: MECOM ([MECOM Products](#))

Background: MECOM, MDS1 and EVI1 complex locus, AML1-EVI-1, EVI1, MDS1, MDS1-EVI1, MGC163392, MGC97004, PRDM3, AML1-EVI-1 fusion protein, ecotropic viral integration site 1, myelodysplasia syndrome 1, myelodysplasia syndrome-associated protein 1, oncogene EVI1, zinc finger protein Evi1

Gene ID: 2122

NCBI Accession: [NP_001098547](#), [NP_005232](#), [NP_004982](#), [NP_001157471](#), [NP_001157472](#)

Application Details

Application Notes: DS WB Results: Approx 170 kDa band observed in lysates of cell lines A549 and HepG2 (calculated MW of 126 kDa according to NP_001098547.3). This molecular weight is routinely observed by other sources. Recommended concentration: 1-3 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

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

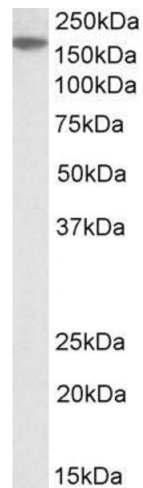
Handling Advice: Minimize freezing and thawing.

Handling

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Western Blotting

Image 1. ABIN571139 (2µg/ml) staining of A549 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.