

**MDS1 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16358c**

**Specification**

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**MDS1 Antibody (Center) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | <b>WB,E</b>                 |
| Primary Accession | <a href="#">O13465</a>      |
| Other Accession   | <a href="#">NP_004982.2</a> |
| Reactivity        | <b>Mouse</b>                |
| Host              | <b>Rabbit</b>               |
| Clonality         | <b>Polyclonal</b>           |
| Isotype           | <b>Rabbit IgG</b>           |
| Antigen Region    | <b>81-109</b>               |

**MDS1 Antibody (Center) - Additional Information**

**Other Names**

MDS1 and EVI1 complex locus protein MDS1, Myelodysplasia syndrome 1 protein, Myelodysplasia syndrome-associated protein 1, MECOM, MDS1

**Target/Specificity**

This MDS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 81-109 amino acids from the Central region of human MDS1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MDS1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

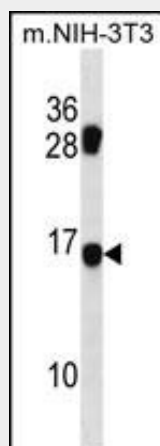
**MDS1 Antibody (Center) - Protein Information**

**MDS1 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### MDS1 Antibody (Center) - Images



MDS1 Antibody (Center) (Cat. #AP16358c) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the MDS1 antibody detected the MDS1 protein (arrow).

### MDS1 Antibody (Center) - 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.

### MDS1 Antibody (Center) - References

- Gomez-Benito, M., et al. Br. J. Cancer 103(8):1292-1296(2010)  
Meyer, T.E., et al. PLoS Genet. 6 (8) (2010) :  
Goyama, S., et al. Int. J. Hematol. 91(5):753-757(2010)  
Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :  
Haas, K., et al. Genes Chromosomes Cancer 47(4):288-298(2008)