

**MDS1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16358c****Specification**

---

**MDS1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q13465](#)**MDS1 Antibody (Center) Blocking Peptide - Additional Information****Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**MDS1 Antibody (Center) Blocking Peptide - Protein Information****MDS1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**MDS1 Antibody (Center) Blocking Peptide - Images****MDS1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)