

MDS1 Antibody (F40040)

| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F40040-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F40040-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

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| | |
|--------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Mouse |
| Format | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Antigen affinity |
| UniProt | Q13465 |
| Applications | Western Blot : 1:1000 |
| Limitations | This MDS1 antibody is available for research use only. |



MDS1 antibody western blot analysis in mouse NIH3T3 lysate.

Description

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.

Application Notes

Titration of the MDS1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 81-109 from the human protein was used as the immunogen for this MDS1 antibody.

Storage

Aliquot the MDS1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.