

PRDM16

Reactivity: Human Mouse

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:1000

Calculated MW: 140kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human PRDM16

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MEL1; LVNC8; PFM13; CMD1LL

Catalog #: A11581

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 63976

Isotype: IgG

Swiss Prot: Q9HAZ2

Purity: Affinity purification

For research use only.

Background:

The reciprocal translocation t(1;3)(p36;q21) occurs in a subset of myelodysplastic syndrome (MDS) and acute myeloid leukemia (AML). This gene is located near the 1p36.3 breakpoint and has been shown to be specifically expressed in the t(1;3)(p36,q21)-positive MDS/AML. The protein encoded by this gene is a zinc finger transcription factor and contains an N-terminal PR domain. The translocation results in the overexpression of a truncated version of this protein that lacks the PR domain, which may play an important role in the pathogenesis of MDS and AML. Alternatively spliced transcript variants encoding distinct isoforms have been reported.

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