

PRDM16 polyclonal antibody

Catalog # PAB6224

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PRDM16.
Immunogen	A synthetic peptide corresponding to human PRDM16.
Sequence	C-TSESGAFHPINHL
Host	Goat
Theoretical MW (kDa)	140, 138
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PRDM16

Entrez GeneID [63976](#)

Protein Accession# [NP_071397](#)

Gene Name PRDM16

Gene Alias KIAA1675, MEL1, MGC166915, PFM13

Gene Description PR domain containing 16

Omim ID [605557](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations MDS1/EVI1-like|PR-domain zinc finger protein 16|transcription factor MEL1

Publication Reference

- [A novel gene, MEL1, mapped to 1p36.3 is highly homologous to the MDS1/EVI1 gene and is transcriptionally activated in t\(1;3\)\(p36;q21\)-positive leukemia cells.](#)

Mochizuki N, Shimizu S, Nagasawa T, Tanaka H, Taniwaki M, Yokota J, Morishita K.

Blood 2000 Nov; 96(9):3209.

Disease

- [Celiac Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)

- [Tobacco Use Disorder](#)