

**Anti-Human PRDM3 Polyclonal Antibody****Polyclonal Antibody****Cat.NO.: PA05625**

3th Edition

**Description:**The protein encoded by this gene is a transcriptional regulator and oncoprotein that may be involved in hematopoiesis, apoptosis, development, and cell differentiation and proliferation. The encoded protein can interact with CTBP1, SMAD3, CREBBP, KAT2B, MAPK8, and MAPK9. This gene can undergo translocation with the AML1 gene, resulting in overexpression of this gene and the onset of leukemia. Several transcript variants encoding a few different isoforms have been found for this gene. MECOM (MDS1 And EVI1 Complex Locus) is a Protein Coding gene. Diseases associated with MECOM include Radioulnar Synostosis With Amegakaryocytic Thrombocytopenia 2 and Acute Myeloid Leukemia With Inv3(P21;Q26.2) Or T(3;3)(P21;Q26.2). Among its related pathways are MAPK signaling pathway and Pathways in cancer. GO annotations related to this gene include nucleic acid binding and protein homodimerization activity. An important paralog of this gene is PRDM16.

**Antigen:**Synthesized peptide derived from the N-terminal region of human PRDM3

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**