

**PRDM5 Antibody (aa100-200)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS12041****Specification**

---

**PRDM5 Antibody (aa100-200) - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">O9NOX1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73kDa KDa

**PRDM5 Antibody (aa100-200) - Additional Information****Gene ID** 11107**Other Names**

PR domain zinc finger protein 5, 2.1.1.-, PR domain-containing protein 5, PRDM5, PFM2

**Target/Specificity**

A portion of amino acids 100-200 of human PRDM5 protein was used as the immunogen.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

PRDM5 Antibody (aa100-200) is for research use only and not for use in diagnostic or therapeutic procedures.

**PRDM5 Antibody (aa100-200) - Protein Information****Name** PRDM5**Synonyms** PFM2**Function**

Sequence-specific DNA-binding transcription factor. Represses transcription at least in part by recruitment of the histone methyltransferase EHMT2/G9A and histone deacetylases such as HDAC1. Regulates hematopoiesis-associated protein-coding and microRNA (miRNA) genes. May regulate the expression of proteins involved in extracellular matrix development and maintenance, including fibrillar collagens, such as COL4A1 and COL11A1, connective tissue components, such as HAPLN1, and molecules regulating cell migration and adhesion, including EDIL3 and TGFB2. May cause G2/M arrest and apoptosis in cancer cells.

**Cellular Location**

Nucleus

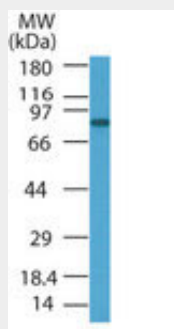
**Tissue Location**

Widely expressed with highest levels in colon and ovary. Tends to be silenced in breast, colorectal, gastric and liver cancer tissues.

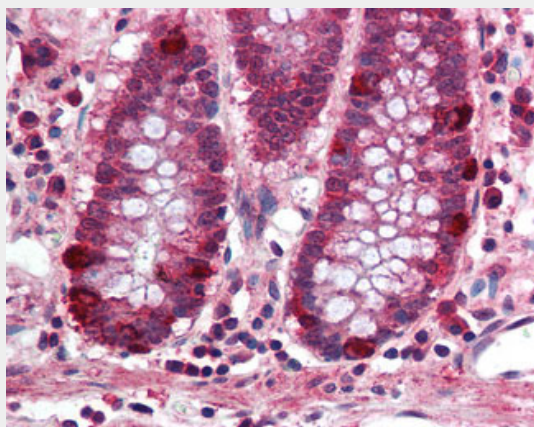
**PRDM5 Antibody (aa100-200) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PRDM5 Antibody (aa100-200) - Images**

Western blot of PRDM5 in HL60 cell lysate using antibody at 1 ug/ml.



Anti-PRDM5 antibody IHC of human colon.

**PRDM5 Antibody (aa100-200) - Background**

Sequence-specific DNA-binding transcription factor. Represses transcription at least in part by recruitment of the histone methyltransferase EHMT2/G9A and histone deacetylases such as HDAC1. Regulates hematopoiesis-associated protein-coding and microRNA (miRNA) genes. May regulate the expression of proteins involved in extracellular matrix development and maintenance, including fibrillar collagens, such as COL4A1 and COL11A1, connective tissue components, such as HAPLN1,

and molecules regulating cell migration and adhesion, including EDIL3 and TGFB2. May caused G2/M arrest and apoptosis in cancer cells.

**PRDM5 Antibody (aa100-200) - References**

Deng Q.,et al.Oncogene 23:4903-4910(2004).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Hillier L.W.,et al.Nature 434:724-731(2005).  
Watanabe Y.,et al.Clin. Cancer Res. 13:4786-4794(2007).  
Duan Z.,et al.Mol. Cell. Biol. 27:6889-6902(2007).