

PRDM5 (PFM2) Antibody Blocking peptide
Catalog # BP1205a**Specification**

PRDM5 (PFM2) Antibody Blocking peptide - Product InformationPrimary Accession [Q9NOX1](#)**PRDM5 (PFM2) Antibody Blocking peptide - Additional Information****Gene ID** 11107**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PRDM5 (PFM2) Antibody Blocking peptide - 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 (PFM2) Antibody Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PRDM5 (PFM2) Antibody Blocking peptide - Images