PR 结构域锌指蛋白 5 抗体

产品货号： mlR19955

英文名称： PRDM5

中文名称： PR 结构域锌指蛋白 5 抗体

别　　名： BCS2; PFM 2; PFM2; PR domain containing 5; PR domain containing protein 5; PR domain zinc finger protein 5; PR domain-containing protein 5; PRDM 5; PRDM5 protein; PRDM5_HUMAN.

研究领域： 细胞生物　转录调节因子　锌指蛋白　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Rabbit, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 73kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PRDM5:1-100/630

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： The protein encoded by this gene is a transcription factor of the PR-domain protein family. It contains a PR-domain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis. [provided by RefSeq, Jul 2008]

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.

Subunit:

Interacts with EHMT2/G9A, GFI1 and HDAC1.

Subcellular Location:

Nucleus.

Tissue Specificity:

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

DISEASE:

The disease is caused by mutations affecting the gene represented in this entry.

Disease description:A disorder characterized by extreme corneal thinning resulting in corneal rupture after minor trauma, blue sclerae, keratoconus or keratoglobus, hyperelasticity of the skin, and hypermobile joints.

Similarity:

Contains 16 C2H2-type zinc fingers.

Contains 1 SET domain.

SWISS:

Q9NQX1

Gene ID:

11107

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.