

**PRDM12 Antibody**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM1195a**

**Specification**

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**PRDM12 Antibody - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9H4Q4</a>
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1

**PRDM12 Antibody - Additional Information**

**Gene ID** 59335

**Other Names**

PR domain zinc finger protein 12, 211-, PR domain-containing protein 12, PRDM12, PFM9

**Target/Specificity**

This PRDM12 antibody was raised using purified recombinant GST fusion protein encoding human PRDM12.

**Dilution**

WB~~1:1000

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

PRDM12 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**PRDM12 Antibody - Protein Information**

**Name** PRDM12

**Synonyms** PFM9

**Function** Involved in the positive regulation of histone H3-K9 dimethylation.

**Cellular Location**

Nucleus.

### Tissue Location

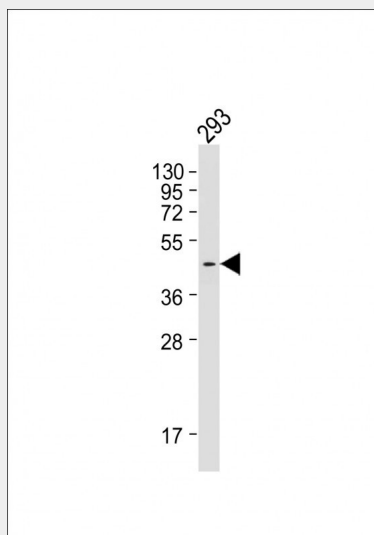
Not found in adult tissues except in dorsal root ganglia.

### PRDM12 Antibody - 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](#)

### PRDM12 Antibody - Images



Anti-PRDM12 Antibody at 1:1000 dilution + 293 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

### PRDM12 Antibody - References

SET domains and histone methylation. Xiao B, et al. *Curr Opin Struct Biol*, 2003 Dec. PMID 14675547.

A potential role for PRDM12 in the pathogenesis of chronic myeloid leukaemia with derivative chromosome 9 deletion. Reid AG, et al. *Leukemia*, 2004 Jan. PMID 14523459.

The prototypical 4.1R-10-kDa domain and the 4.1g-10-kDa paralog mediate fodrin-actin complex formation. Kontogianni-Konstantopoulos A, et al. *J Biol Chem*, 2001 Jun 8. PMID 11274145.

The yin-yang of PR-domain family genes in tumorigenesis. Jiang GL, et al. *Histol Histopathol*, 2000 Jan. PMID 10668202.