

Mouse anti-Human, Mouse PRDM12 Monoclonal Antibody | anti-PRDM12 antibody

PRDM12 Antibody

CATALOG # AAA283526	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

PRDM12; Monoclonal Antibody; PRDM12 Antibody; PR domain zinc finger protein 12; 211-; PR domain-containing protein 12; PFM9; anti-PRDM12 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	49AT1111.91.20
Specificity	This PRDM12 antibody was raised using purified recombinant GST fusion protein encoding human PRDM12.
Purity/Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Form/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.
Sequence Length	367
Applicable Applications for anti-PRDM12 antibody	ELISA, WB (Western Blot)
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.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-PRDM12 Antibody at 1:1000 dilution + 293 whole cell lysate. Lysates/proteins at 20 ug 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.

ADDITIONAL INFORMATION

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. Kontrogianni-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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15042949
NCBI GeneID	59335
NCBI Accession #	NP_067632.2
NCBI GenBank Nucleotide #	NM_021619.2
UniProt Accession #	Q9H4Q4; A3KFK9
NCBI Official Full Name	PR domain zinc finger protein 12
NCBI Official Synonym Full Names	PR domain containing 12
NCBI Official Symbol	PRDM12
NCBI Official Synonym Symbols	PFM9
NCBI Protein Information	PR domain zinc finger protein 12
UniProt Protein Name	PR domain zinc finger protein 12
UniProt Gene Name	PRDM12
UniProt Synonym Gene Names	PFM9
UniProt Entry Name	PRD12_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/prdm12-antibody-clone-49at1111-91-20-western-blot-elisa/283526>