PRDM5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRDM5, Polyclonal Antibody
Full Product Name	PRDM5 Antibody, HRP conjugated
Product Gene Name	anti-PRDM5 antibody
Product Synonym Names	PR domain zinc finger protein 5; PR domain-containing protein 5; PRDM5; PFM2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: PRDM5 (MBS7108599) HRP Conjugated Antibody: PRDM5 (MBS7108600)
Molecular Weight	58,124 Da
OMIM	AF272897 mRNA
3D Structure	ModBase 3D Structure for Q9NQX1
Immunogen	Recombinant Human PR domain zinc finger protein 5 protein (29-111AA)
Conjugation	HRP
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-PRDM5 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PRDM5 antibody	ELISA (EIA)
Related Product Information for anti-PRDM5 antibody	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.
Other Notes	Small volumes of anti-PRDM5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PRDM5 purchase	MBS7108600 is an antibody targeting PRDM5. Also known as PRDM5 Antibody, HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRDM5. It may not necessarily be applicable to this product.

NCBI GI #	664806054
NCBI GeneID	11107
NCBI Accession #	NP_001287752.1
UniProt Primary Accession #	Q9NQX1
UniProt Secondary Accession #	Q0VAI9; Q0VAJ0; Q6NXQ7
UniProt Related Accession #	Q9NQX1
GenBank Nucleotide #	NM_001300823.1
NCBI Official Full Name	PR domain zinc finger protein 5 isoform 2
NCBI Official Synonym Full Names	PR/SET domain 5
NCBI Official Symbol	PRDM5
NCBI Official Synonym Symbols	BCS2; PFM2
UniProt Protein Name	PR domain zinc finger protein 5
UniProt Synonym Protein Names	PR domain-containing protein 5
Protein Family	PR domain zinc finger protein
UniProt Gene Name	PRDM5
UniProt Synonym Gene Names	PFM2
NCBI Protein Information	PR domain zinc finger protein 5
NCBI Summary for PRDM5	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]
Research Articles on PRDM5	**1.** Both Prdm 4 and Prdm 5 are expressed in human corneal endothelium, primary hCECs and in HCECs-12 cells, characterised by expression of the Na(+)/K(+)-ATPase.
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