PRDM5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRDM5, Polyclonal Antibody
Full Product Name	PRDM5
Product Gene Name	anti-PRDM5 antibody
Product Synonym Gene Name	BCS2; PFM2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	73KD
Immunogen	Recombinant fragment corresponding to 55-242aa of human PRDM5.
Cellular Localization	Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PRDM5 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-PRDM5 antibody	ELISA: 1:20,000-80,000 WB: 1:200-1,000
Related Product Information for anti-PRDM5 antibody	MBS8560550 is an antibody targeting PRDM5. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens PR domain containing 5 (PRDM5), mRNA.
Product References and Citations for anti-PRDM5 antibody	Tan SX, Hu RC, Tan YL, et al. Promoter methylation-mediated downregulation of PRDM5 contributes to the development of lung squamous cell carcinoma. Tumour Biol. 35 (5):4509-4516 (2014)
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.

ADDITIONAL DETAILS

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

NCBI GI #	111309409
NCBI GeneID	11107
NCBI Accession #	BC121037
UniProt Related Accession #	Q9NQX1
NCBI Official Full Name	Homo sapiens PR domain containing 5, mRNA
NCBI Official Synonym Full Names	PR/SET domain 5

NCBI Official Symbol	PRDM5
NCBI Official Synonym Symbols	BCS2; PFM2
Protein Family	PR domain zinc finger protein
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.** Inhibiting PRDM5 expression by siRNA attenuated the IFN-gamma-triggered accumulation of active caspase-3 and cleaved PARP in intestinal epithelial cells. Moreover, flow cytometry assay and CCK-8 analysis revealed that PRDM5 knockdown significantly alleviated the IFN-gamma-induced cellular apoptosis in HT29 cells.
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