PRDM12 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRDM12, Polyclonal Antibody
Full Product Name	PRDM12 (PR Domain Zinc Finger Protein 12, 211-, PR Domain-Containing Protein 12, PRDM12, PFM9) (MaxLight 550)
Product Gene Name	anti-PRDM12 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified
Specificity	Recognizes PRDM12. Species Crossreactivity: human, mouse
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	40,403 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (133539981..133558384). Location: 9q33-q34
3D Structure	ModBase 3D Structure for Q9H4Q4
Immunogen	Synthetic peptide corresponding to PRDM12.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-PRDM12 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-PRDM12 antibody	Western Blot (WB)
Application Notes for anti-PRDM12 antibody	WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-PRDM12 antibody	MBS6458424 is an antibody targeting PRDM12. Also known as PRDM12 (PR Domain Zinc Finger Protein 12, 211-, PR Domain-Containing Protein 12, PRDM12, PFM9) (MaxLight 550). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-PRDM12 antibody	1. Yang X.-H., et al. Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases. 2. Humphray S.J., et al. Nature 429:369-374(2004). 3. Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Other Notes	Small volumes of anti-PRDM12 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 PRDM12. It may not necessarily be applicable to this product.

NCBI GI #	15042949
NCBI GeneID	59335
NCBI Accession #	NP_067632.2
UniProt Primary Accession #	Q9H4Q4
UniProt Secondary Accession #	A3KFK9
UniProt Related Accession #	Q9H4Q4
GenBank Nucleotide #	NM_021619.2
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
UniProt Protein Name	PR domain zinc finger protein 12
UniProt Synonym Protein Names	PR domain-containing protein 12
Protein Family	PR domain zinc finger protein
UniProt Gene Name	PRDM12
UniProt Synonym Gene Names	PFM9
UniProt Entry Name	PRD12_HUMAN
NCBI Protein Information	PR domain zinc finger protein 12; PR domain-containing protein 12; PR-domain containing protein 12; PR-domain zinc finger protein 12
UniProt Comments for PRDM12	PRDM12: May be involved in transcriptional regulation. Protein type: Methyltransferase, protein lysine, predicted; C2H2-type zinc finger protein Chromosomal Location of Human Ortholog: 9q34.12 Cellular Component: nucleus Molecular Function: methyltransferase activity; DNA binding; metal ion binding Biological Process: methylation; neurogenesis; regulation of transcription, DNA-dependent; transcription, DNA-dependent Disease: Neuropathy, Hereditary Sensory And Autonomic, Type Viii
Research Articles on PRDM12	**1.** Down-regulation of PRDM12 is associated with the pathogenesis of chronic myeloid leukaemia with derivative chromosome 9 deletion
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