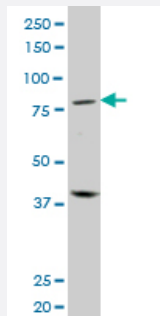


PRDM1 monoclonal antibody (M01), clone 2B10

Catalog # H00000639-M01

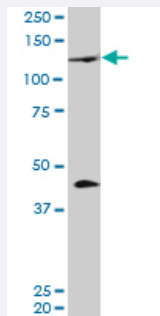
Size 100 ug

Applications



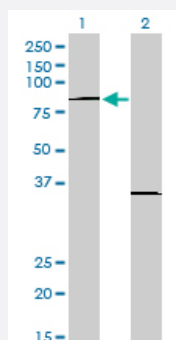
Western Blot (Tissue lysate)

PRDM1 monoclonal antibody (M01), clone 2B10. Western Blot analysis of PRDM1 expression in human spleen.



Western Blot (Tissue lysate)

PRDM1 monoclonal antibody (M01), clone 2B10. Western Blot analysis of PRDM1 expression in human tongue.

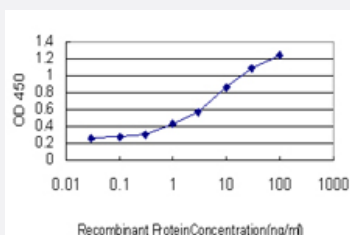


Western Blot (Transfected lysate)

Western Blot analysis of PRDM1 expression in transfected 293T cell line by PRDM1 monoclonal antibody (M01), clone 2B10.

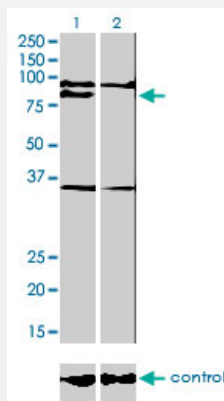
Lane 1: PRDM1 transfected lysate(88 KDa).

Lane 2: Non-transfected lysate.



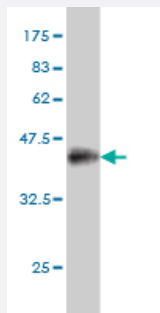
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRDM1 is approximately 0.3ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of PRDM1 over-expressed 293 cell line, cotransfected with PRDM1 Validated Chimera RNAi (Cat # H00000639-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PRDM1 monoclonal antibody (M01), clone 2B10 (Cat # H00000639-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PRDM1.
Immunogen	PRDM1 (NP_001189, 1 a.a. ~ 109 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKMDMEDADMTLWTEAEFEKCTYVNDHPWDSGADGGTSVQAEASLPRNLLFKYATNSEEVIGVMSKEYIPKGTRFGPLIGEYTNDTVPKNANRKYFWRIYSRGELH
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PRDM1 monoclonal antibody (M01), clone 2B10. Western Blot analysis of PRDM1 expression in human spleen.

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- Western Blot (Tissue lysate)

PRDM1 monoclonal antibody (M01), clone 2B10. Western Blot analysis of PRDM1 expression in human tongue.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PRDM1 expression in transfected 293T cell line by PRDM1 monoclonal antibody (M01), clone 2B10.

Lane 1: PRDM1 transfected lysate(88 KDa).

Lane 2: Non-transfected lysate.

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- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRDM1 is approximately 0.3ng/ml as a capture antibody.

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- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of PRDM1 over-expressed 293 cell line, cotransfected with PRDM1 Validated Chimera RNAi (Cat # H00000639-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PRDM1 monoclonal antibody (M01), clone 2B10 (Cat # H00000639-M01). GAPDH (36.1 kDa) used as specificity and loading control.

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Gene Info — PRDM1

Entrez GeneID

[639](#)

GeneBank Accession#	NM_001198
Protein Accession#	NP_001189
Gene Name	PRDM1
Gene Alias	BLIMP1, MGC118922, MGC118923, MGC118924, MGC118925, PRDI-BF1
Gene Description	PR domain containing 1, with ZNF domain
Omim ID	603423
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported. [provided by RefSeq]
Other Designations	B-lymphocyte-induced maturation protein 1 OTTHUMP00000016918 PR-domain zinc finger protein 1 PRDI-binding factor-1 beta-interferon gene positive-regulatory domain I binding factor positive regulatory domain I-binding factor 1

Disease

- [Arthritis](#)
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- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Tobacco Use Disorder](#)