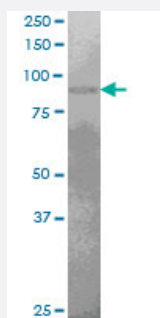


PRDM1 monoclonal antibody (M04), clone 2F8

Catalog # H00000639-M04

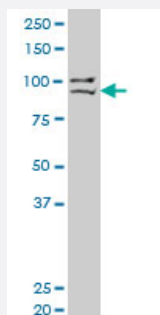
Size 100 ug

Applications



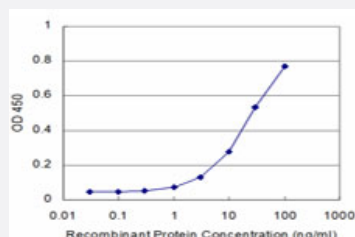
Western Blot (Tissue lysate)

PRDM1 monoclonal antibody (M04), clone 2F8. Western Blot analysis of PRDM1 expression in human skeletal muscle.



Western Blot (Cell lysate)

PRDM1 monoclonal antibody (M04), clone 2F8 Western Blot analysis of PRDM1 expression in SJCRH30 (Cat # L027V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRDM1 is approximately 3ng/ml as a capture antibody.



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	IgG1 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 (M04), clone 2F8. Western Blot analysis of PRDM1 expression in human skeletal muscle.

[Protocol Download](#)

- Western Blot (Cell lysate)

PRDM1 monoclonal antibody (M04), clone 2F8 Western Blot analysis of PRDM1 expression in SJCRH30 (Cat # L027V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRDM1 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

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](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)

- [IgA Deficiency](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Tobacco Use Disorder](#)