

Product datasheet for **TA327929**

PRDM1 Mouse Monoclonal Antibody [Clone ID: ROS195G]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ROS195G
Applications:	WB
Recommended Dilution:	WB, IHC, IP, IF, ELISA
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant GST-blimp-1 protein
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	lot specific
Purification:	The antibody was purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	98 Kd
Gene Name:	PR domain 1
Database Link:	NP_001189 Entrez Gene 12142 Mouse Entrez Gene 639 Human O75626

Background: Blimp-1 is a 98 Kd protein containing five Kuppel-type zinc finger domains that confer sequence specific DNA binding. It has been postulated to be a master regulator of terminal B cell differentiation. In the BCL-1 lymphoma model of differentiation from mature B cells to plasma cells, ectopic expression of Blimp-1 is sufficient to cause terminal differentiation manifested by loss of surface immunoglobulin, IgM secretion, expression of syndecan-1 and cessation of cell division. Recently, it is reported that Blimp-1 is also involved in T cell differentiation and T cell homeostasis and suppression of IL-2 production.

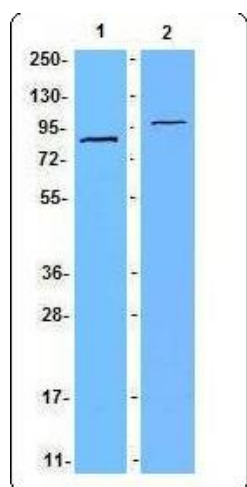


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Synonyms: BLIMP1; PRDI-BF1

Protein Families: Transcription Factors

Product images:



A20 (lane 1) and PBMC (lane 2) cell extracts were resolved by electrophoresis, transferred to nitrocellulose and probed with anti-BLIMP - 1 antibody, ROS195G. Proteins were visualized using a HRP goat anti-mouse antibody and a chemiluminescence detection system