

ARG51451 anti-PRDM1 / Blimp 1 antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PRDM1 / Blimp 1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PRDM1 / Blimp 1
Species	Human
Immunogen	Peptide sequence around aa.124~128(D-T-V-P-K) derived from Human PRDM1 / Blimp1.
Conjugation	Un-conjugated
Alternate Names	Beta-interferon gene positive regulatory domain I-binding factor; PR domain zinc finger protein 1; BLIMP-1; BLIMP1; PRDI-binding factor 1; PR domain-containing protein 1; EC 2.1.1.-; PRDI-BF1; Positive regulatory domain I-binding factor 1

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

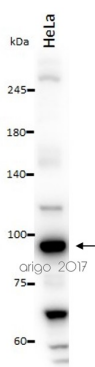
Properties

Form	Liquid
Purification	Antibodies were produced by immunizing rabbits with KLH-conjugated synthetic peptide. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Buffer	PBS (without Mg ²⁺ and Ca ²⁺ , pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 12142 Mouse GeneID: 639 Human Swiss-port # O75626 Human Swiss-port # Q60636 Mouse
Gene Symbol	PRDM1
Gene Full Name	PR domain containing 1, with ZNF domain
Background	Transcriptional repressor that binds specifically to the PRDI element in the promoter of the beta-interferon gene. Drives the maturation of B-lymphocytes into Ig secreting cells.
Function	Transcriptional repressor that binds specifically to the PRDI element in the promoter of the beta-interferon gene (PubMed:1851123). Drives the maturation of B-lymphocytes into Ig secreting cells (PubMed:12626569). [UniProt]
Research Area	Gene Regulation antibody; Immune System antibody
Calculated Mw	92 kDa
PTM	Sumoylation at Lys-816 by PIAS1 augments transcriptional repressor activity, and is critical for plasma cell differentiation. Ubiquitinated by the SCF(FBXO11) complex, leading to its degradation by the proteasome.

Images



ARG51451 anti-PRDM1 / Blimp 1 antibody WB image

Western blot: 20 µg of HeLa cell lysates stained with ARG51451 anti-PRDM1 / Blimp 1 antibody at 1:500 dilution.